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REPORT
— OF THE —
BOARD OF FIRE COMMISSIONERS
OF BALTIMORE, MD.
—
1913

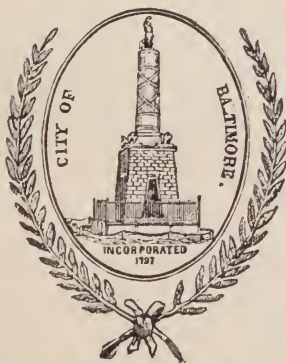
Harry B. Scheve.

THIRTIETH ANNUAL REPORT,
OF THE
Baltimore.
Board of Fire Commissioners.

AND
FIFTY-FIFTH ANNUAL REPORT OF THE
FIRE DEPARTMENT

TO THE
Mayor and City Council of Baltimore

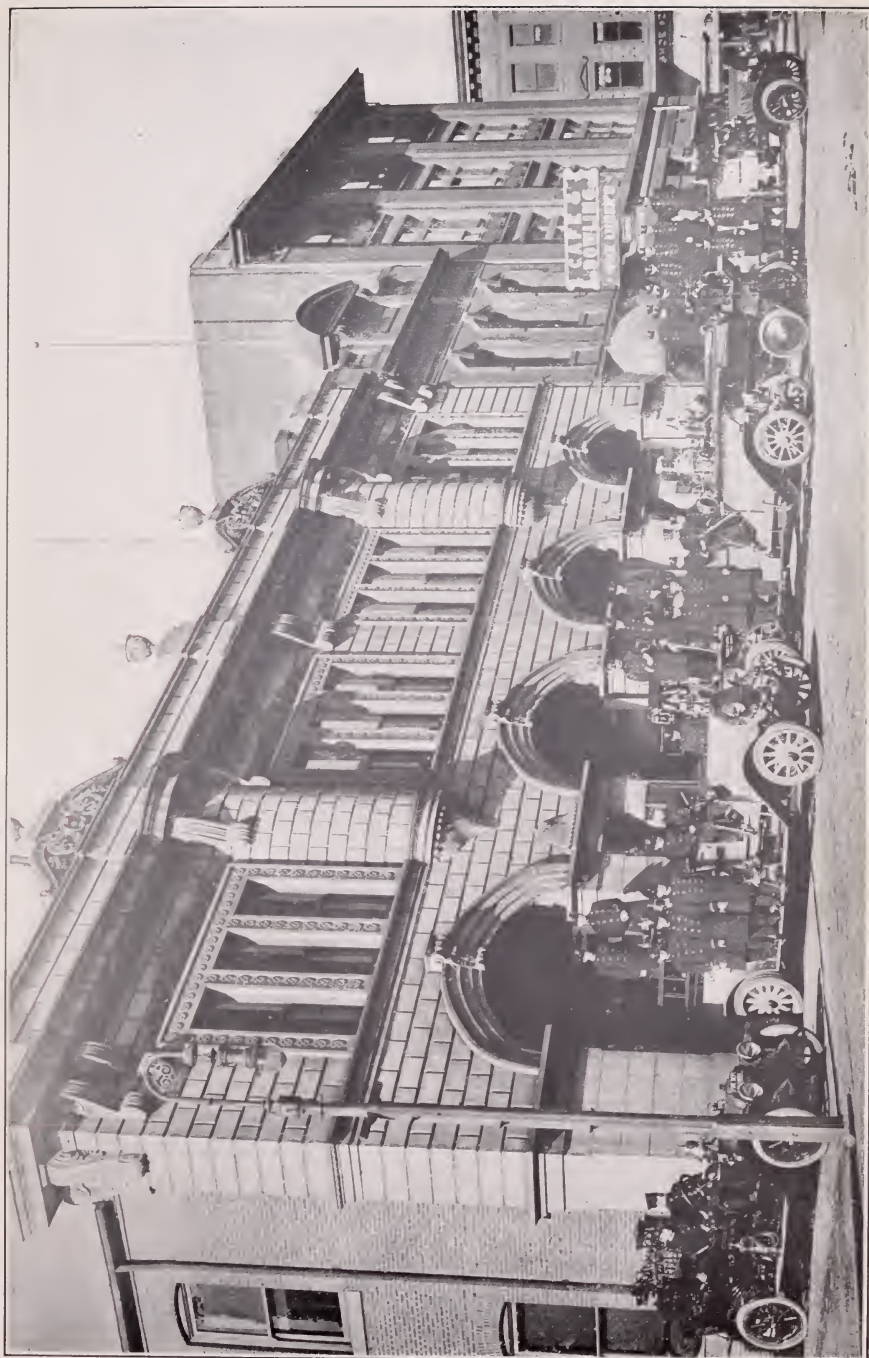
FOR THE
FISCAL YEAR ENDING DECEMBER 31, 1913



No. 299 Recd Feb 1913

BALTIMORE
MEYER & THALHEIMER
CITY PRINTER

1914



CHIEF ENGINEER AUGUST EMRICH. ENGINE COMPANY NO. 32. TRUCK COMPANY NO. 1. HIGH PRESSURE SERVICE HOSE COMPANY NO. 1.



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OFFICERS OF THE DEPARTMENT

FIRE COMMISSIONERS

RICHARD H. JOHNS, PRESIDENT

ISAAC FRANK

SIDNEY T. MANNING

SECRETARY AND CLERK

PINKNEY W. WILKINSON

CHIEF ENGINEER

AUGUST EMRICH

DEPUTY CHIEF ENGINEER

LEVIN H. BURKHARDT

DISTRICT ENGINEERS

First District	-	-	-	-	-	JAMES T. DUNN
Second District	-	-	-	-	-	JOHN L. EMERSON
Third District	-	-	-	-	-	FREDERICK BRANAN
Fourth District	-	-	-	-	-	E. LOUIS SHIPLEY
Fifth District	-	-	-	-	-	JAMES A. CAMPBELL
Sixth District	-	-	-	-	-	JOHN KAHL
Seventh District	-	-	-	-	-	FIELDING H. LUCAS
Eighth District	-	-	-	-	-	MICHAEL A. LIND

SUPERINTENDENT OF MACHINERY

THOMAS H. MEUSHAW

ASSISTANT SUPERINTENDENT OF MACHINERY

JOHN N. BLETZER

SUPERINTENDENT OF FIRE ALARM TELEGRAPH

JAMES B. YEAKLE

REPORT

OFFICE OF THE BOARD OF FIRE COMMISSIONERS.

BALTIMORE, January 1, 1914.

To the Honorable the Mayor and City Council of Baltimore.

GENTLEMEN :

The Board of Fire Commissioners respectfully submit herewith the following as the fifty-fifth annual report of the Fire Department of the City of Baltimore for the year ending December 31, 1913.

FIRES.

During the year 1913 the Fire Department responded to 1,978 alarms of fire. As compared with 1912, there was an increase of 31 alarms.

The number of alarms received during the year are classified as follows :

Number of brick, stone and iron buildings.....	1,508
Number of wooden buildings	144
Other than buildings.....	256
False alarms	70

1,978

Number of fires in brick, stone or iron buildings.....	1,508
Number of fires in wooden buildings.....	144
Number of fires in other than buildings.....	256

1,908

Number of fires confined to building or place of origin.....	1,895
Number of fires extending to adjoining buildings.....	8
Number of fires extending beyond adjoining buildings.....	5

1,908

IMPROVEMENTS, 1913.

Installation of additional boiler at the Pumping Station of the High Pressure Service.

Automobile runabouts purchased for use of Deputy Chief and First, Third, Fourth and Eighth District Engineers.

Engine Companies Nos. 4, 5, 8, 9, 18, 19 and 25, equipped with automobile hose wagon.

The engine of Engine Company No. 32, equipped with Christie tractor.

The engine of Engine Company No. 5 equipped with couple-gear tractor.

The truck of Truck Company No. 1 equipped with American-LaFrance Fire Engine Company tractor.

Engine Companies Nos. 5, 8, 9, 10, 11, 12, 13, 18, 19, 26, 27, 28, 34 and 38, equipped with portable hydrant-heads for High Pressure Service.

The installation of 6,000 feet of the best quality of 2½-inch rubber-lined fire hose.

The installation of 2,000 feet of the best quality of 2½-inch rubber fire hose.

The installation of 2,000 feet of the best quality of 3-inch rubber-lined fire hose for use on fireboats.

The installation of twelve Bresnan cellar nozzles.

The installation of a pulmotor on Department ambulance.

The installation of a Jumbo nozzle, with special portable hydrant-heads and tips for nozzles of 2½-inch, 3-inch, 3½-inch and 4-inch, for direct connection with system of the High Pressure Service.

The Repair Shop equipped with tools so as to take care of departmental work generally.

A general system of building inspection for the purpose of reporting violations of the building laws.

A fire-prevention bureau established under command of Capt. Edgar B. McKnew, No. 27 Engine Company, on October 29, 1913, and which operation has resulted in a very material reduction in fire hazards.



ENGINE COMPANY NO. 5

A modern fireboat provided in place of former fireboat "Cata-ract," and which will be placed in service the early part of the coming year.

The installation of Truck Company No. 18 at quarters of No. 20 Engine Company, North avenue and Tenth street, Walbrook.

IMPROVEMENTS, 1914.

- Tractors for fire engines.
- Automobile chasses for hose wagons.
- Automobiles for district engineers.
- Additional red lights for fire-alarm boxes.

PUBLIC BUILDINGS.

Heating and lighting City Hall, City Hall Annexes and Court House, from Pumping Station of High Pressure Fire Service.

EXPENDITURES.

The expenditures for the Fire Department for the year 1913 were as follows:

Salaries	\$751,932 03
Expenses	197,902 94
Truck Company No. 18, salaries.....	7,191 11
High Pressure Service.....	14,538 82
Hydrant heads	5,775 00
Fireboat "Cata-ract"	46,302 61
Pumping Station, boiler.....	15,000 00
Automobiles, district chiefs.....	6,000 00
Chasses, hose wagons.....	29,194 14
Tractors, engines and trucks.....	9,375 00
Repair Shop, tools.....	4,000 00
Firemen's widows	5,187 36
Lottie C. Curry.....	300 00
Mary A. McGraw.....	400 00
Total.....	<u>\$1,093,099 01</u>

Respectfully submitted,

RICHARD H. JOHNS, *President*,

ISAAC FRANK,

SIDNEY T. MANNING,

Commissioners.

APPROPRIATIONS FOR 1914.

Salaries	\$778,060 00
Apparatus	\$5,000 00
Apparatus repairs	6,000 00
Accidents	3,000 00
Feed	30,000 00
Fuel	14,000 00
Furniture	1,000 00
Harness	1,000 00
Horseshoeing	7,500 00
Hose	10,000 00
Electricity and gas.....	3,800 00
Insurance, accident	4,300 00
Washing	6,750 00
Sick	5,000 00
Pensioners, regular	24,000 00
Fire Alarm Telegraph Department.....	13,000 00
Cable for subways.....	10,000 00
Fire alarm boxes.....	2,000 00
Office, expenses	1,000 00
Miscellaneous	8,000 00
Storeroom	10,000 00
Pumping Station, fuel and oils.....	16,500 00
Fireboats, fuel and oils.....	3,500 00
Pipe line system, repairs.....	2,000 00
	<hr/>
	187,350 00
Pensions, firemen's widows.....	5,025 00
	<hr/>
	\$970,435 00

NEW IMPROVEMENTS, 1914.

Tractors for engines and trucks.....	\$12,000 00
Chasses for hose wagons.....	40,000 00
Automobiles for district engineers.....	6,000 00
Red lights, fire alarm boxes.....	5,000 00
	<hr/>
	63,000 00

ANNUAL APPROPRIATIONS.

Mary A. McGraw.....	\$400 00
Lottie C. Curry.....	300 00
	<hr/>
	700 00
	<hr/>
Total appropriations.....	<u><u>\$1,034,135 00</u></u>



HIGH PRESSURE SERVICE HOSE COMPANY NO. 1.

FIRE DEPARTMENT.

Appropriations, 1913	\$1,128,569	32
Balance carried forward from 1912.....	45,095	85
Amount received from:		
Baltimore County Commissioners.....	1,740	93
Martin Wagner Company.....	847	50
Paving Commission	343	11
Contingent Fund	700	00
J. S. Young Company.....	127	90
G. Ober Sons & Co.....	159	60
Wise Brothers	133	90
Indemnity life Pipeman Emil Myers.....	500	00
	<hr/> \$1,178,218 11	

EXPENDITURES.

Salaries	\$751,932	03
Apparatus	3,659	25
Apparatus repairs	11,744	52
Accidents	2,994	73
Feed	30,893	22
Fuel	13,782	52
Furniture	938	63
Harness	571	70
Horseshoeing	7,335	27
Hose	12,120	00
Electricity and gas.....	3,106	91
Insurance	3,827	00
Washing	7,333	00
Sick	4,696	16
Pensioners—regular	24,994	68
Pensioners—firemen's widows.....	5,187	36
Fire Alarm Telegraph Department.....	17,158	04
Cable for subways.....	9,058	15
Fire alarm boxes.....	1,825	60
Office expenses	880	48
Miscellaneous	10,144	68
Storeroom	10,775	49
Pumping Station—Fuel and oils.....	16,354	77
Fireboats—Fuel and oils.....	3,096	26
Pipe Line System—Repairs.....	611	88
	<hr/>	
Amounts carried forward.....	\$955,022	33 \$1,178,218 11

<i>Amounts brought forward</i>	\$955,022 33	\$1,178,218 11
Fireboat "Cataract"—Rebuilding.....	46,302 61	
Tractors—Engines and trucks.....	9,375 00	
Chasses—Hose wagons.....	29,194 14	
Hydrant heads—High Pressure Service.....	5,775 00	
Repair Shop—Tools.....	4,000 00	
Automobiles—District engineers.....	6,000 00	
Truck Company No. 18—Salaries.....	7,191 11	
High Pressure Service.....	14,538 82	
Pumping Station—Boiler.....	15,000 00	
Lottie C. Curry.....	300 00	
Mary A. McGraw.....	400 00	
	<hr/>	1,093,099 01
Surplus of credit.....		\$85,119 10
Balance to surplus.....	\$12,874 50	
Balance carried forward to 1914.....	72,244 60	
	<hr/>	85,119 10
		<hr/> <hr/>

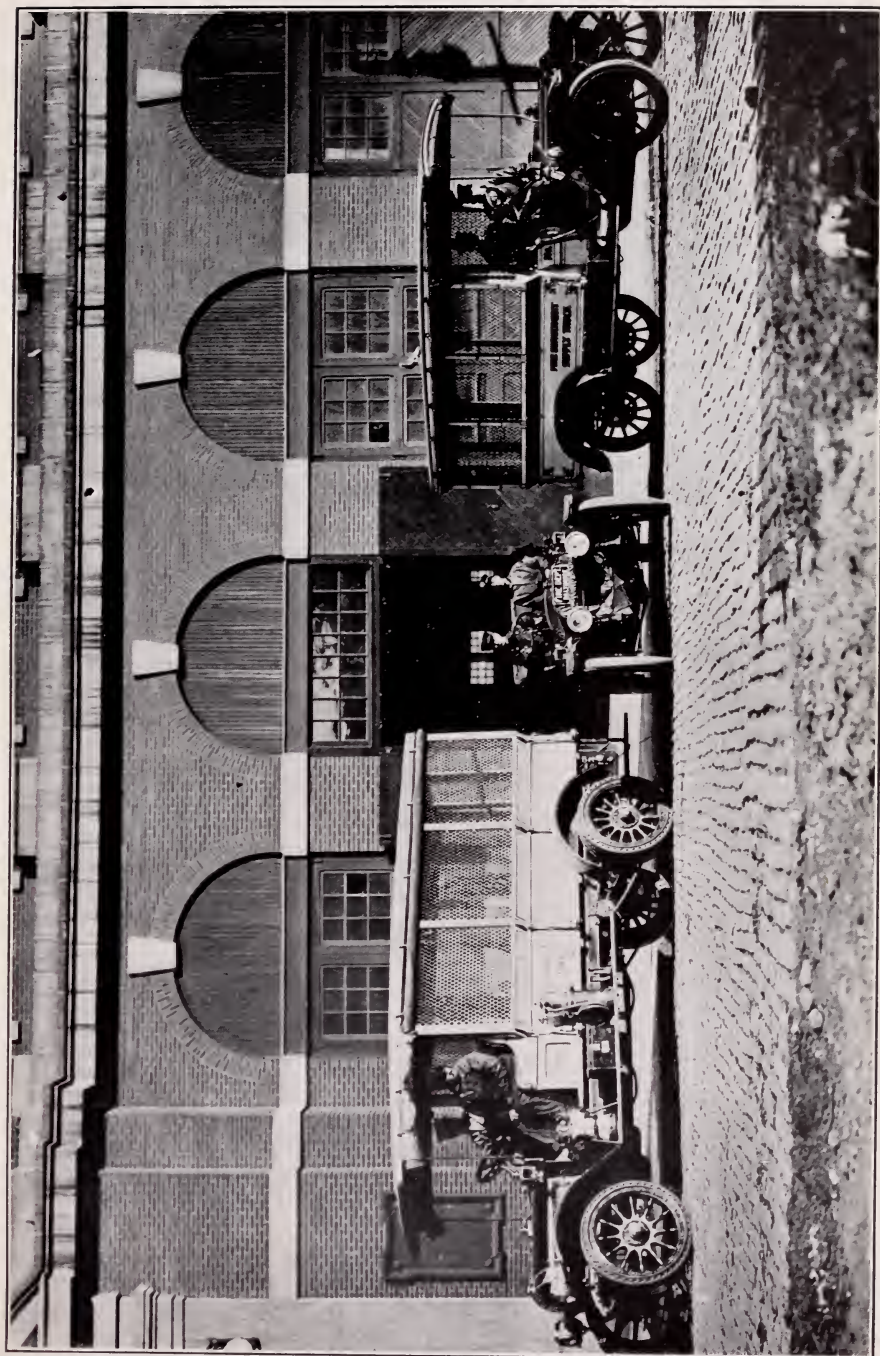
HIGH PRESSURE SERVICE—WATER TOWER STATION No. 2.

Cost.

Appropriations	\$971,559	32
Pipe Line:		
Construction	\$529,848	87
Paving streets.....	10,084	32
Water Department connection.....	1,471	22 ¹
Hydrant heads.....	5,775	00
Tools	848	24
Advertisements and blue prints.....	164	95
	<hr/>	\$548,192 60
Pumps:		
Pumps	\$66,474	50
Interest charges.....	1,848	50
	<hr/>	68,323 00
Boilers:		
Boilers	\$44,192	60
Interest charges.....	760	77
	<hr/>	44,953 37
Boilers and Pumps:		
Piping	36,255	66
Pumping Station:		
Ground	\$32,633	40
Building	152,091	06
Test holes.....	5,501	08
Water Department connection.....	135	66
Advertisements, specifications and blue prints	401	78
Miscellaneous	477	98
	<hr/>	191,240 96
Engineering	42,020	82
Fire alarm service.....	4,791	00
	<hr/>	\$935,777 41
Water Tower Station No. 2:		
Ground	\$10,647	60
Building	24,113	81
	<hr/>	34,761 41
	<hr/>	970,538 82
Balance to surplus.....	\$1,020	50
Balance carried forward to 1914.....	1,020	50

REVENUE.

Salaries	\$103 08
Hose	257 70
Manure	414 00
Horses	965 75
Pole lines	10 00
Fire alarm boxes	154 60
Fire alarm boxes—Damage	102 50
Fire alarm service	350 25
Furniture	46 00
Apparatus	24 50
Metals	370 18
Tires	31 90
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	\$2,830 46
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REPAIR SHOPS. SUPT. OF MACHINERY THOS. H. MEUSHAW. SUPPLY TRUCKS NOS. 1 AND 2.

REPORT
OF THE
CHIEF ENGINEER

1913

REPORT.

OFFICE OF THE CHIEF ENGINEER.

BALTIMORE, January 1, 1914.

To the Honorable the Board of Fire Commissioners :

GENTLEMEN — I have the honor to submit herewith the annual report of the Chief Engineer, it being the Fifty-fifth Annual Report of the paid Fire Department.

Incorporated herewith are statistical statements showing operations of the Fire Department for the year in detail.

It is my sad duty to report the death of the following members of the Fire Department during the year :

JAMES J. REYNOLDS,

CAPTAIN,

NO. 32 ENGINE COMPANY,

Age 55 Years.

Appointed July 20, 1889.

Died February 25, 1913.

JOHN CALDER,

ENGINEMAN,

NO. 11 ENGINE COMPANY,

Age 66 Years.

Appointed October 8, 1870.

Died September 4, 1913.

HENRY R. SEIPPEL,

PIPEMAN,

NO. 5 ENGINE COMPANY,

Age 64 Years.

Appointed December, 1, 1874.

Died January 21, 1913.

JOSEPH H. DALY,

LADDERMAN,

NO. 5 TRUCK COMPANY,

Age 59 Years.

Appointed January 15, 1881.

Died December 22, 1913.

EMIL MYERS,

PIPEMAN,

NO. 27 ENGINE COMPANY,

Age 28 Years.

Appointed August 15, 1909.

Died May 31, 1913.

Died as result of injuries received in
company quarters.

WILLIAM L. ERDMAN,

PIPEMAN,

NO. 31 ENGINE COMPANY,

Age 31 Years.

Appointed July 1, 1907.

Died March 3, 1913.

PENSIONER THOMAS H. HUMPHREYS,

Age 72 Years.

Appointed July 12, 1873.

Retired July 12, 1892.

Died July 21, 1913.

PENSIONER JOHN H. DEAL,

Age 72 Years.

Appointed February 1, 1872.

Retired January 9, 1908.

Died May 2, 1913.

The installation of new companies at the following locations:

Truck Company installed at quarters of No. 17 Engine Company, Fort avenue and Haubert street.

Truck Company installed at quarters of No. 29 Engine Company, Park Heights avenue, near Kate avenue.

Engine Company installed at quarters of No. 14 Truck Company, Gorsuch avenue, near Harford Road.

The installation of an engine and truck company in the vicinity of Remington avenue and Twenty-ninth street.

The extension of the High Pressure Fire Service.

The above recommendations are, in my opinion, absolutely necessary, on account of the fact that these sections are growing rapidly and have not sufficient fire protection at the present time.

I desire to express my sincere appreciation to the Board of Fire Commissioners, as well as members of the Fire Department generally, for co-operation in maintaining the efficiency of the service.

The Police Department and Fire Insurance Salvage Corps have my sincere thanks for the assistance rendered the service in the performance of duty.

Respectfully submitted,

AUGUST EMRICH,
Chief Engineer.

TABLES



FIRE DEPARTMENT PROPERTY.
ENGINE HOUSES, EQUIPMENT, ENGINES AND FIRE BOATS.

COMPANIES.	Acquired.	LOCATION.	Size of Lot. (Feet.)	Cost.		Ground Rent.	Estimated Value of Equipment, Dec. 31, 1913.
				Building.	Lot.		
No. 1 Engine Co.....	1907	Paca and Mulberry streets.....	140 x 41½	\$44,997 01	\$14,506 90	.....	\$13,177 00
No. 2 Engine Co.....	1859	Barre street, near Sharp.....	92 x 25	10,000 00	1,400 00	\$62 50	14,425 00
No. 3 Engine Co.....	1859	Lombard street, near High.....	100 x 23	8,000 00	3,333 33	150 00	14,327 00
No. 4 Engine Co.....	1859	Lexington street, near North.....	120x21-9 ½	13,000 00	1,924 16	.....	25,360 00
No. 5 Engine Co.....	1859	Ann street, near Lombard.....	140 x 34	15,000 00	8,314 00	.....	17,387 00
No. 6 Engine Co.....	1859	Gay and Ensor streets.....	107-2 x 48-8	22,000 00	10,000 00	62 00	19,288 00
No. 7 Engine Co.....	1859	Eutaw street and Druid Hill avenue.....	33 x 57	13,000 00	3,500 00	27 00	14,017 00
No. 8 Engine Co.....	1871	Mulberry street, near Schroeder.....	120 x 23	10,000 00	2,350 00	.....	12,300 00
No. 9 Engine Co.....	1872	Madison street, near Broadway.....	150 x 33	12,000 00	2,640 00	.....	22,337 00
No. 10 Engine Co.....	1872	Columbia avenue, near Poppleton street...	100 x 22	12,000 00	1,173 33	.....	12,738 00
No. 11 Engine Co.....	1874	Eastern and Patterson Park avenues.....	64 x 28	12,000 00	.....	123 75	13,446 00
No. 12 Engine Co.....	1875	Fort and Riverside avenues.....	125 x 25	12,000 00	.....	150 00	13,209 00
No. 13 Engine Co.....	1876	Myrtle and Fremont avenues.....	192-6x180x68	19,463 00	2,500 00	.....	19,173 00
No. 14 Engine Co.....	1888	Hollins street, near Monroe.....	62-5 ¼ x130-3 ½	14,000 00	3,000 00	.....	14,922 00
No. 15 Engine Co.....	1890	Lombard street, near Howard.....	170 x 33	20,000 00	10,000 00	.....	24,913 00
No. 16 Engine Co.....	1909	Foot of President street.....	.....	13,965 00	.....	.....	268,000 00
No. 17 Engine Co.....	1895	Fort avenue and Haubert street.....	51-8 x 97	13,000 00	2,150 00	.....	10,446 00
No. 18 Engine Co.....	1892	Twenty-first street, near Maryland avenue.	140 x 36	13,600 00	3,400 00	.....	17,672 00
No. 19 Engine Co.....	1895	North avenue and Bond street.....	120 x 40	16,000 00	4,000 00	.....	17,532 00
No. 20 Engine Co.....	1896	North avenue and Tenth street.....	110 x 60	16,059 00	1,500 00	.....	12,116 00
No. 21 Engine Co.....	1897	Roland avenue and Oliver Place.....	90 x 50	15,000 00	2,500 00	.....	12,042 00
No. 22 Engine Co.....	1901	Patuxent and O'Donnell streets.....	120 x 60	21,846 00	3,000 00	.....	12,102 00
No. 23 Engine Co.....	1902	Saratoga street, near Howard.....	80 x 50	22,354 75	23,145 25	.....	19,810 00
No. 24 Engine Co.....	1903	Patterson Park avenue and Orleans street..	85 x 25	16,500 00	3,500 00	.....	9,962 00
No. 25 Engine Co.....	1903	Gold and McCulloh streets.....	37½x120	31,136 13	3,020 00	.....	15,700 00
No. 26 Engine Co.....	1905	Leadeuhall and West streets.....	40 x100	20,065 16	2,434 84	.....	13,312 00
No. 27 Engine Co.....	1905	Columbia ave., near Little Greene street...	168-5 ½ x 46	17,900 00	8,100 00	.....	20,909 00
No. 28 Engine Co.....	1906	Gullford and Mt. Royal avenues.....	45x115.9x147.1	23,526 25	8,473 75	.....	20,284 00
No. 29 Engine Co.....	1906	Park Heights and Kate avenues.....	60.3 x125	28,077 93	2,083 10	.....	13,205 00
No. 30 Engine Co.....	1907	Frederick avenue, near B. & P. R. R.....	72 x150	28,901 05	4,388 75	.....	9,995 00
			63.6x147.5				
No. 31 Engine Co.....	1901	York road above Thirty-first street.....	50 x 150	17,677 33	4,737 23	75 00	9,496 00
No. 32 Engine Co.....	1907	South Gay street, near Baltimore.....	122 ½ x 66	29,671 57	29,893 43	.....	16,967 00
No. 33 Engine Co.....	1904	Harford avenue and Oliver street.....	34-3 ¼ x94x90x 98-11	28,098 96	4,576 01	.....	12,312 00
No. 34 Engine Co.....	1908	Caroline street, near Gough.....	37-7x100	24,951 98	5,048 02	.....	12,880 00
No. 36 Engine Co.....	1909	Edmondson avenue and Bentalou street...	50 x187	27,791 42	3,043 75	.....	9,502 00
No. 37 Engine Co.....	1909	Ridgely and West streets.....	50 x155	24,040 38	3,800 72	.....	12,535 00
No. 38 Engine Co.....	1909	Baltimore and Fremont streets.....	45-7x153-2	23,936 30	11,063 70	.....	12,921 00
No. 39 Engine Co.....	1909	See No. 16 Engine Company.....	.....	.....	.....	.....	d 120,395 00
No. 40 Engine Co.....	1912	See No. 12 Truck Company.....	.....	.....	.....	.....	5,721 00
High Pressure Service..	1909	Pumping Station (South street) and Pipe Line System.....	69-3½x137	152,091 06	32,633 40	.....	a970,538 82
No. 1 H. and L. Co...	1907	See No. 32 Engine Company.....	.....	.....	.....	.....	14,228 00
No. 2 H. and L. Co...	1859	Paca and Fayette streets.....	150 x 33	26,715 08	5,000 00	105 00	15,907 00
No. 3 H. and L. Co...	1859	See No. 5 Engine Company.....	.....	.....	.....	.....	7,616 00
No. 4 H. and L. Co...	1907	McCulloh street, near Biddle.....	100 x 42	24,935 00	7,265 00	.....	9,841 00
No. 5 H. and L. Co...	1904	See No. 33 Engine Company.....	.....	.....	.....	.....	8,788 50
No. 6 H. and L. Co...	1888	Hanover and Ostend streets.....	133 x 25	12,000 00	2,000 00	.....	9,433 00
No. 7 H. and L. Co...	1901	See No. 31 Engine Company.....	.....	.....	.....	.....	5,873 00
No. 8 H. and L. Co...	1907	See No. 30 Engine Company.....	.....	.....	.....	.....	6,058 00
No. 9 H. and L. Co...	1897	See No. 21 Engine Company.....	.....	.....	.....	.....	5,377 50
No. 10 H. and L. Co...	1895	Lafayette avenue, near Stricker street.....	145 x50-1	14,000 00	5,000 00	.....	8,729 00
No. 11 H. and L. Co...	1898	North avenue and McMechen street.....	130x111x172	26,500 00	8,000 00	.....	9,796 00
No. 12 H. and L. Co...	1905	Liberty road and Garrison avenue.....	100 x 52	21,330 66	1,579 00	.....	6,330 00
No. 13 H. and L. Co...	1906	Carey street, near Hollins.....	80 x 41	24,156 69	5,234 99	.....	9,279 00
No. 14 H. and L. Co...	1909	Gorsuch avenue, near Harford road.....	90 x 55	26,746 40	3,395 12	.....	6,244 00
No. 15 H. and L. Co...	1907	Montford avenue and Mura street.....	100 x 30	20,859 74	3,003 63	.....	5,796 00
No. 16 H. and L. Co...	1908	Calvert and Read streets.....	40 x165	38,534 12	8,081 45	.....	9,199 00
No. 17 H. and L. Co...	1901	See No. 22 Engine Company.....	.....	.....	.....	.....	4,854 00
No. 18 H. and L. Co...	1912	See No. 20 Engine Company.....	.....	.....	.....	.....	5,435 00
No. 1 Hose Co.....	1912	See No. 2 Water Tower Company.....	.....	.....	.....	.....	12,945 00
No. 2 Hose Co.....	1912	See No. 2 Truck Company.....	.....	.....	.....	.....	12,745 00
No. 1 Water Tower...	1891	See No. 15 Engine Company.....	.....	.....	.....	.....	9,347 25
No. 2 Water Tower...	1908	South Gay street, near Baltimore.....	33-7 x 97-2½	24,113 81	10,647 60	.....	10,752 00
Repair Shop.....	1912	Market Place and Baltimore street.....	.....	.....	.....	.....	15,206 00
Storeroom.....	.....	See No. 15 Engine Company.....	.....	.....	.....	.....	3,000 00
Telegraph Department.	1859	City Hall.....	.....	.....	.....	.....	348,391 31
Vacant property.....	1859	Harrison street, near Fayette.....	106 x 25	10,000 00	2,000 00	100 00	.....
Vacant property.....	1880	Biddle street, near Druid Hill avenue.....	150 x 30	10,000 00	9,500 00	.....	.....
Vacant property.....	1888	Mary street, near Retreat.....	20 x 75	3,000 00	1,800 00	72 00	.....
Vacant property.....	1888	Belair road, near B. & O. crossing.....	110 x 40	5,000 00	1,900 00	40 00	.....
Vacant property.....	1900	Brunswick street, near Frederick avenue..	85 x 41	3,000 00	4,125 00	61 50	.....
Vacant property.....	1911	Light and Montgomery streets.....	32 x100	.....	7,706 65	.....	.....
Vacant property.....	1911	Fulton avenue and Baker street.....	37 ½ x142-3	.....	7,197 50	.....	.....
Total estimated valuation of lots, buildings and equipment.....				\$1,154,541 78	\$337,169 61	\$1,028 75	\$2,257,707 88

(a) Represents total cost of Pipe Line System to December 31, 1913.
(b) Actual cost.
(c) Fireboat "Cataract."
(d) Fireboat "Deluge."



SALARIES OF OFFICERS AND MEMBERS.

FIRE DEPARTMENT.

	PER ANNUM
1 Chief Engineer.....	\$2,750.00
1 Deputy Chief Engineer.....	2,000.00
8 District Engineers, each.....	1,500.00
1 Superintendent of Machinery.....	1,500.00
1 Assistant Superintendent of Machinery.....	1,200.00
1 Captain commanding Marine Division.....	1,400.00
49 Captains of engine and truck companies, each.....	1,200.00
64 Lieutenants of engine and truck companies, each.....	1,075.00
41 Enginemen, each.....	1,150.00
48 Assistant enginemen, each.....	1,000.00
4 Pilots	1,000.00
12 Tillermen of truck companies, each.....	950.00
12 Assistant tillermen of truck companies, each.....	950.00
56 Hostlers of engine and truck companies, each.....	950.00
50 Assistant hostlers of engine and truck companies, each...	950.00
276 Pipemen, each.....	900.00
108 Laddermen, each.....	900.00
11 Stokers on fire boat and pumping station, each.....	900.00
20 Probationary firemen, each....	600.00

REPAIR SHOP.

1 Blacksmith	1,150.00
3 Machinists, each	1,000.00
1 Woodworker	900.00
1 Painter	1,000.00
3 Helpers, each.....	900.00

FIRE ALARM TELEGRAPH DEPARTMENT.

1 Superintendent of Telegraph.....	2,000.00
6 Telegraph operators, each.....	1,100.00
4 Telephone operators, each.....	840.00
1 Lineman	1,200.00
4 Assistant linemen, each.....	1,000.00
1 Batteryman	1,000.00

790 Total.

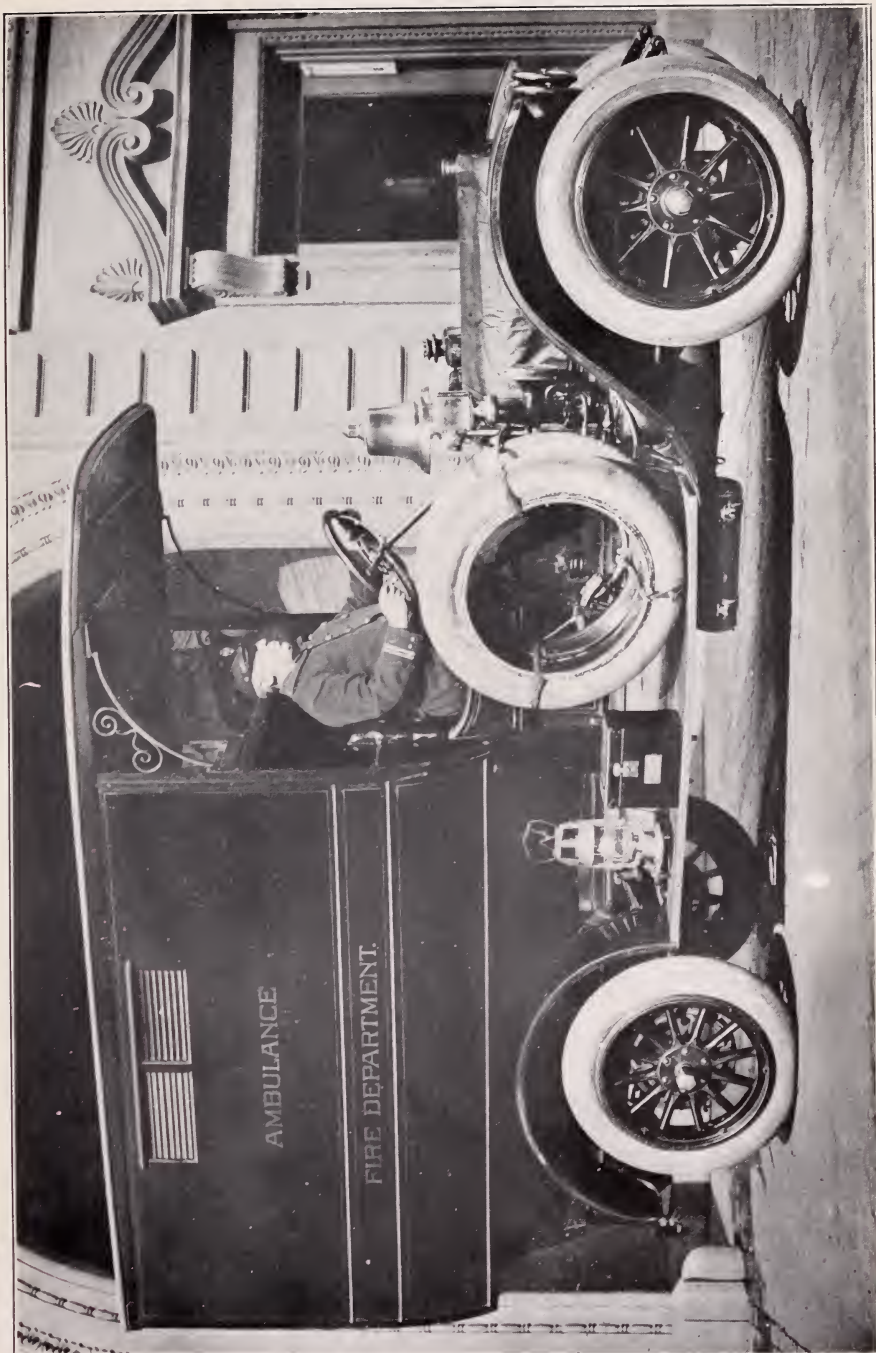
MANUAL FORCE OF THE DEPARTMENT.

OFFICERS.

Chief Engineer	1
Deputy Chief Engineer.....	1
District Engineers	8
Superintendent of Machinery.....	1
Assistant Superintendent of Machinery.....	1

ENGINE COMPANIES.

No. 1 Engine Company.....	12
" 2 " "	12
" 3 " "	12
" 4 " "	12
" 5 " "	12
" 6 " "	12
" 7 " "	12
" 8 " "	12
" 9 " "	12
" 10 " "	12
" 11 " "	12
" 12 " "	12
" 13 " "	12
" 14 " "	12
" 15 " "	22
" 16 " "	12
" 17 " "	12
" 18 " "	12
" 19 " "	12
" 20 " "	12
" 21 " "	12
" 22 " "	12
" 23 " "	12
" 24 " "	12
" 25 " "	12
" 26 " "	12
" 27 " "	12
" 28 " "	12
" 29 " "	12
" 30 " "	12
" 31 " "	12
" 32 " "	12



FIRE DEPARTMENT AMBULANCE.

FIRE COMMISSIONERS.

29

No. 33 Engine Company.....	12
“ 34 “ “	12
“ 35 “ “	12
“ 36 “ “	12
“ 37 “ “	12
“ 38 “ “	12
“ 39 “ “	20
“ 40 “ “	11

HOOK AND LADDER COMPANIES.

No. 1 Truck Company.....	12
“ 2 “ “	12
“ 3 “ “	12
“ 4 “ “	12
“ 5 “ “	12
“ 6 “ “	12
“ 7 “ “	8
“ 8 “ “	8
“ 9 “ “	8
“ 10 “ “	13
“ 11 “ “	12
“ 12 “ “	8
“ 13 “ “	12
“ 14 “ “	8
“ 15 “ “	12
“ 16 “ “	12
“ 17 “ “	12
“ 18 “ “	8

“ 1 Hose Company.....	12
“ 2 “ “	12

No. 1 Water Tower.....	4
“ 2 “ “	5

Pumping Station	9
-----------------------	---

Repair Shop.....	9
------------------	---

Fire Alarm Telegraph Department.....	17
--------------------------------------	----

Probationary firemen.....	770
	20

Total active membership of the Department.....	790
--	-----

Disabled members pensioned.....	53
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Total membership.....	843
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VACATIONS.

Vacations are granted members of the uniformed force as follows:

FIRE DEPARTMENT.

Chief Engineer—Thirty-one days.

Deputy Chief Engineer—Twenty-one days.

District Engineers, Superintendent of Machinery, Assistant Superintendent of Machinery and captain commanding Marine Division—Eighteen days.

Captains and lieutenants—Fourteen days.

All other members—Twelve days.

FIRE ALARM TELEGRAPH.

Superintendent of Telegraph—Twenty-one days.

Telegraph operators—Fourteen days.

Telephone operators—Fourteen days.

Lineman—Fourteen days.

Assistant linemen—Twelve days.

Batteryman—Twelve days.

HOLIDAYS.

All members of uniformed force granted one day holiday each week.

INJURED AND SICK.

All members attended by Department surgeon while on injured or sick leave at expense of Department.

PENSIONS.

Baltimore City Charter, 1900, Section 70—"The Board of Fire Commissioners of the City of Baltimore may retire from office in the Fire Department any permanent or call member thereof who has become permanently disabled while in the actual performance of duty, or who has performed faithful service in the Department for a period of not less than twenty consecutive years, or who may become unable to perform



HIGH PRESSURE SERVICE PUMPING STATION.

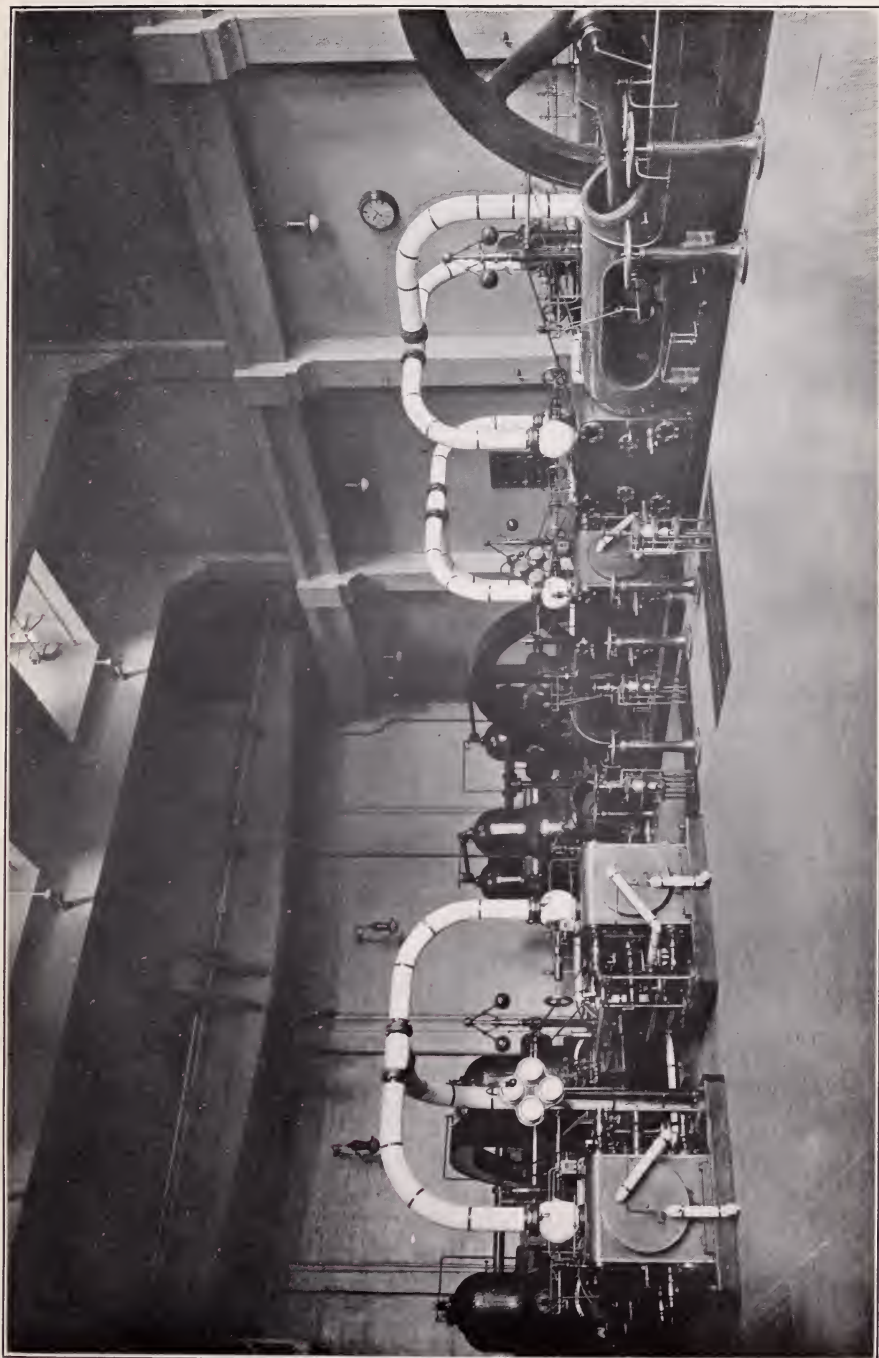
further service by reason of age or other physical or mental disabilities, and place the member so retired upon a pension roll; and said Board may also provide for the relief of the widows and children of firemen who may be killed in the discharge of duty. The amount of such annual pension to be allowed by said Board of Fire Commissioners to each pensioner shall be equal to one-half the yearly amount then being received by him for service in said Department at the time of such retirement per annum, payable in monthly installments."

PENSION ROLL.

NAME.	POSITION AT TIME OF RETIREMENT.	AMOUNT OF AN- NUAL PENSION.
George W. Horton.....	Chief Engineer.....	\$1,375.00
William M. Dunn.....	District Engineer.....	400.00
George W. Foxwell.....	Captain.....	600.00
John Hoffman.....	Captain.....	600.00
George C. Young.....	Captain.....	600.00
Samuel R. Watkins.....	Captain.....	600.00
Charles Betz.....	Captain.....	600.00
John Eigenbrodt.....	Captain.....	600.00
Frederick W. Johnston.....	Captain.....	600.00
John Prenger.....	Captain.....	600.00
Louis A. Tuckerman.....	Lieutenant.....	537.50
Charles Rosenthal.....	Lieutenant.....	537.50
Edward C. Klessel.....	Lieutenant.....	537.50
William H. Taylor.....	Lieutenant.....	475.00
Frederick L. Nelson.....	Engineman.....	550.00
John W. Walsh.....	Engineman.....	575.00
Charles Freeburger.....	Engineman.....	575.00
William Welsh.....	Engineman.....	575.00
Robert Kain.....	Batterymen.....	500.00
James B. Kelly.....	Tillerman.....	475.00
John J. Purcell.....	Tillerman.....	450.00
William Wiley.....	Hostler.....	475.00
John Wernsing.....	Hostler.....	450.00
Joseph Lavender.....	Hostler.....	450.00
Joseph W. Moon.....	Hostler.....	450.00
Mark Hill.....	Hostler.....	450.00
Christian Freyer.....	Hostler.....	450.00

PENSION ROLL—*Continued.*

NAME.	POSITION AT TIME OF RETIREMENT.	AMOUNT OF AN- NUAL PENSION.
John W. Potts.....	Hostler.....	\$450.00
John F. Pearce.....	Hostler.....	450.00
Louis Matthaei.....	Hostler.....	475.00
Charles Airey.....	Assistant Hostler.....	475.00
William Gordon	Callman.....	400.00
John H. Gildea.....	Callman.....	400.00
C. Allen Orem.....	Pipeman.....	450.00
George H. Little.....	Pipeman.....	400.00
Solomon Uhlfelder	Pipeman.....	400.00
Charles A. Soistman.....	Pipeman.....	400.00
John J. Flynn.....	Pipeman.....	400.00
Charles H. Baker.....	Pipeman.....	400.00
Albert Oelman	Pipeman.....	400.00
John N. Downs.....	Pipeman.....	400.00
Wilbur Pearce	Pipeman.....	450.00
Albert H. Gier.....	Pipeman.....	450.00
John G. Keilholtz.....	Pipeman.....	450.00
Charles P. Griffin.....	Pipeman.....	450.00
William Eckert	Pipeman.....	450.00
James Catterton	Pipeman.....	450.00
John T. Seabreeze.....	Pipeman.....	450.00
J. H. Hoey.....	Pipeman.....	450.00
John T. Elliott.....	Ladderman.....	400.00
Russel M. Brown.....	Ladderman.....	400.00
John F. Mackenzie.....	Ladderman.....	450.00
William White	Ladderman.....	400.00



HIGH PRESSURE SERVICE PUMPING STATION. ALLIS-CHALMERS CO. PUMPS.



HIGH PRESSURE SERVICE

HIGH PRESSURE PUMPING STATION—EQUIPMENT.

PUMPS.

NUMBER AND MAKE.	Class.	Diameter in Inches.		Revolutions per Minute.	Gallons per Minute.
		Steam Cylinders.	Stroke, Inches.		
3 Allis-Chalmers.....	{ Horizontal, Corliss, twin, simple, non-condensing, crank and fly-wheel.... }	22	36	87½	7,000
1 Epping-Carpenter.....	{ Horizontal, duplex, direct- acting, compound, non- condensing..... }	14 and 25	16	32	1,000



HIGH PRESSURE SERVICE. EDGE MOOR IRON CO. BOILERS, JONES UNDER-FEED STOKERS.



HIGH PRESSURE PUMPING STATION—EQUIPMENT—Continued.

BOILERS.

NUMBER AND MAKE.	Type.	Grate Surface, Square Feet.	Heating Surface, Square Feet.	Rated Horsepower, Each.	Steam Pressure.		Fuel.
					Maximum Allowed.	Average.	
4 Edge Moor.....	{ Inclined water-tube, with under-feed Jones' mechanical stokers.... }	110	6,800	1,160	200	150	Bituminous Coal.

HIGH PRESSURE SERVICE.

The area covered by the mains of the pipe line system of the High Pressure Fire Service is bounded by Pratt, Eutaw, Franklin, Howard, Saratoga, Gay, Baltimore and South streets and covers about 170 acres. The total length of the mains is 8.856 miles and consists of .066 mile of 30-inch, .025 mile of 24-inch, 3.24 miles of 16-inch and 5.30 miles of 10-inch, as well as 2 miles of 8-inch used as hydrant branches.

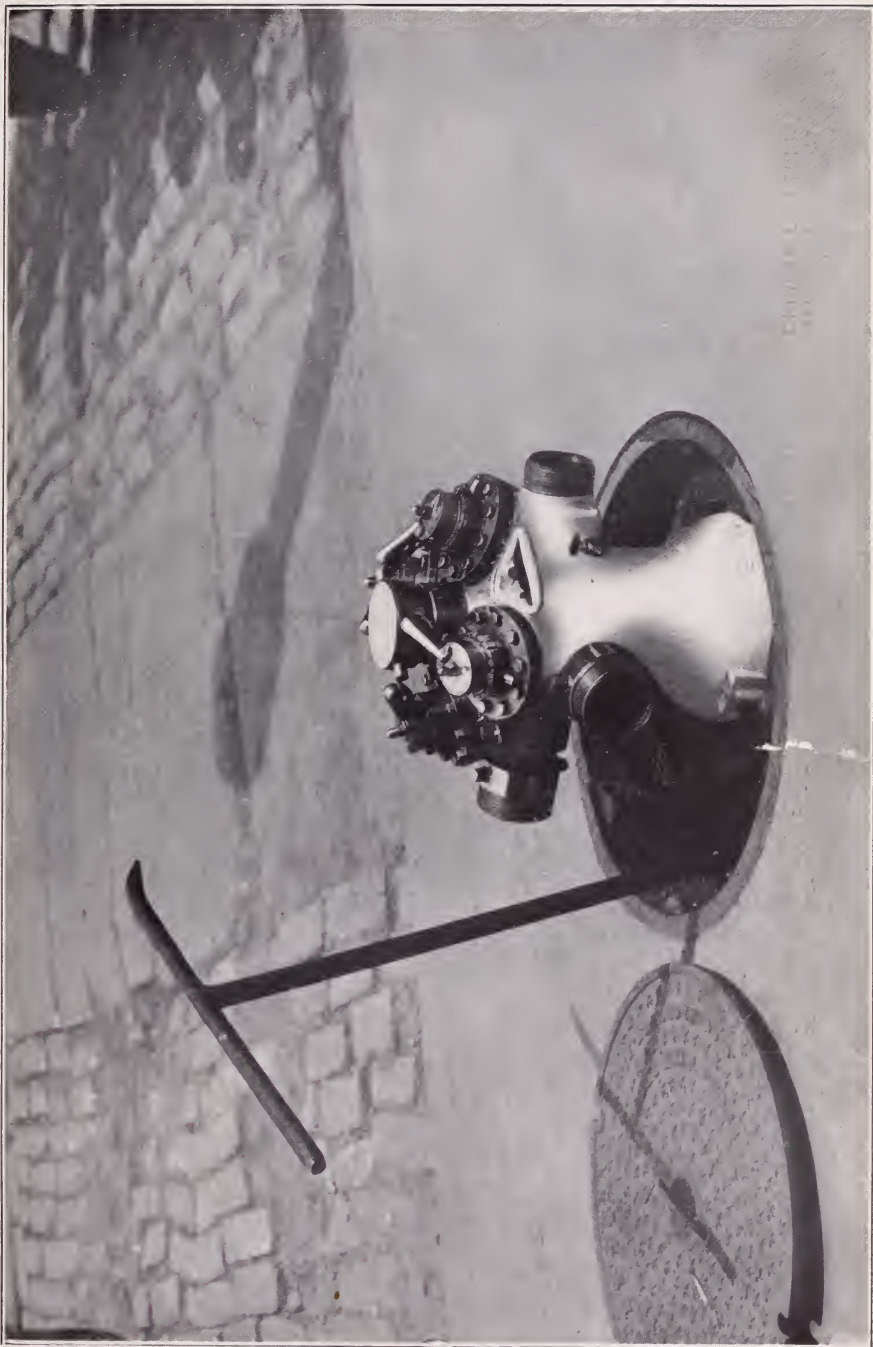
All pipe is lap-welded, soft, open hearth steel, designed for a maximum working pressure of 300 pounds per square inch. The 8, 10 and 16 inch pipes are 7-16 inch thick, and the 24-inch pipe is $\frac{1}{2}$ inch thick; the standard length is 20 feet.

The pipe lines, including valves, hydrants and other fittings, were tested and made tight before backfilling, at a pressure of 600 pounds per square inch.

All valves are generally located on property lines, ordinarily four at each street intersection, so that, in all but two or three cases, any single side of a block may be cut out of service without interfering with the operation of the system at any time.

The hydrants are of a specially designed flush type. Hydrants are provided with sidewalk cover, upon removal of which there can be connected the portable service head, which locks into position by a single turn. Heads have four $2\frac{1}{2}$ -inch outlets, each provided with a regulating valve, so designed to act as a shut-off valve, with outlet in top of head for monitor nozzle directly thereto. The total number of hydrants in the system is 226. Hydrants are located between street intersections, between corners of building lines and curb corners, at alley intersections and alternating on opposite sides of streets.

A "Jumbo" monitor nozzle, with $2\frac{1}{2}$ -inch, 3-inch, $3\frac{1}{2}$ -inch and 4-inch tips, with a capacity of 7,000 gallons of water per minute, which can be operated by one man, is provided for direct connection on hydrant for the heaviest fire duty.



HIGH PRESSURE SERVICE. ROSS PORTABLE HYDRANT HEAD.

Wm. D. Schenck

Fresh water is used in the system, with harbor suction and connections for fireboats, in the event of a break in the water supply or in the event of the pumping station being shut down from any cause.

The crew assigned to the pumping station is taken from members of the Fire Department and is operated as a regular fire company, under charge of a captain and absolute control of the Board of Fire Commissioners.

DESCRIPTION OF ENGINES.

Engines.	Built by.	When Built	Rebuilt by.	When Rebuilt.	Cylinders		Pumps		Boilers		Gallons per Minute.	Weight as Drawn to Fires.	Style of Engine.
					Diam.	Strokes.	Diam.	Strokes.	Diam.	Height.			
No. 1	La France Co.	1908	.....	1st	8¾	9	5¼	9	36	68	1,000	10,400	Vertical, crane-neck, piston double.
" 2	Ahrens Co.	1909	.....	1st	9	8	5½	8	38	68	1,000	10,400	"
" 3	La France Co.	1906	.....	1st	8¾	9	5¼	9	38	68	1,000	10,400	"
" 4	Ahrens Co.	1908	.....	1st	9	8	5½	8	38	68	1,000	10,400	"
† " 5	La France Co.	1890	Com. Lad. Co.	1910 2d	8¾	8	4¾	8	34	62	700	8,500	"
" 6	La France Co.	1901	.....	1st	8¾	9	5¼	9	36	68	1,000	10,400	"
" 7	La France Co.	1903	.....	1st	8¾	9	5¼	9	36	68	1,000	10,400	"
" 8	La France Co.	1888	La France Co.	1904 3d	8½	6	4¾	6	32	60	600	7,100	"
" 9	La France Co.	1903	.....	1st	8¾	9	5¼	9	36	68	1,000	10,400	"
" 10	La France Co.	1901	.....	1st	8¾	9	5¼	9	36	68	1,000	10,400	"
" 11	La France Co.	1911	Asa LaFrc. Co.	1911 2d	8¾	8	4¾	8	34	62	700	8,400	"
" 12	La France Co.	1905	.....	1st	8¾	9	5¼	9	36	68	1,000	10,400	"
" 13	La France Co.	1908	.....	1st	8¾	9	5¼	9	36	68	1,000	10,400	"
" 14	La France Co.	1899	.....	1st	8½	9	5¼	9	36	66	1,000	10,400	"
" 15	La France Co.	1904	.....	1st	8¾	9	5¼	9	36	68	1,000	10,400	"
* " 16	{ Hull—Brusstar Bros. Pump—Thos. Manning Engine—E. J. Codd Co. }		J. E. Woodall Co.	1897	16	10	9	10	....	....	4,400	.....	Double vertical pumps.
" 17	La France Co.	1895	.....	2d	7¾	9	4½	9	33	62	700	8,700	Vertical, crane-neck, piston double.
" 18	La France Co.	1908	.....	1st	8¾	9	5¼	9	36	68	1,000	10,400	"



HIGH PRESSURE SERVICE. ROSS PORTABLE HYDRANT HEAD IN SERVICE.



" 19	Amoskeag Co.	1908	.....	.....	1st	8 3/4	8	5	8	36	66	900	10,400	Vertical, crane-neck, piston double.
" 20	La France Co.	1897	.....	.....	3d	7 1/2	8	4 1/4	8	30	60	650	8,950	" "
" 21	La France Co.	1905	.....	.....	2d	8	9	4 3/4	8	34	64	750	8,900	" "
" 22	La France Co.	1891	.....	.....	3d	7 3/8	9	4 1/8	8	30	60	600	7,120	" "
" 23	Ahrens Co.	1909	.....	.....	1st	9	8	5 1/2	8	38	68	1,000	10,400	" "
" 24	La France Co.	1886	La France Co.	1898	3d	7 3/4	8	4 3/8	8	30	64	650	7,500	" "
" 25	La France Co.	1898	.....	.....	2d	8	9	4 3/8	9	33	62	700	8,000	" "
" 26	La France Co.	1905	.....	.....	1st	8 1/4	9	5 1/4	9	36	68	1,000	10,400	" "
" 27	La France Co.	1908	.....	.....	1st	8 3/4	9	5 1/4	9	36	68	1,000	10,400	" "
" 28	La France Co.	1906	.....	.....	1st	8 3/4	9	5 1/4	9	38	68	1,000	10,400	" "
" 29	La France Co.	1894	.....	.....	2d	7 3/4	9	4 1/2	9	33	62	700	8,660	" "
" 30	Clapp & Jones.	1888	La France Co.	1904	3d	7	7	4 3/8	7	32	60	600	6,990	" "
" 31	La France Co.	1893	.....	.....	3d	7 3/8	8	4 1/8	8	30	60	600	7,000	" "
" 32	La France Co.	1910	.....	.....	1st	8 3/4	9	5 1/4	9	38	68	1,000	10,400	" "
" 33	La France Co.	1905	.....	.....	1st	8 3/4	9	5 1/4	9	36	68	1,000	10,400	" "
" 34	La France Co.	1910	.....	.....	1st	8 3/4	9	5 1/4	9	38	68	1,000	10,400	" "
" 35	La France Co.	1895	.....	.....	3d	7 3/8	8	4 1/8	8	30	60	600	7,100	" "
" 36	La France Co.	1910	.....	.....	1st	8 3/4	9	5 1/4	9	38	68	1,000	10,400	" "
" 37	La France Co.	1909	.....	.....	1st	9	8	5 1/2	8	38	68	1,000	10,400	" "
" 38	Ahrens Co.	1909	.....	.....	1st	20	20	.....	.....	12	11 1/2	12,000	.....	Centrifugal, turbine-driven pumps.
" 39	Wm. Skinner S.B.&D. Co.	1911	.....	.....	.....	8 1/2	9	5 1/4	9	36	66	900	10,400	Vertical, crane-neck, piston double.
**A	La France Co.	1898	.....	.....	1st	8 1/2	9	5 1/4	9	36	66	900	10,400	" "
**B	La France Co.	1893	.....	.....	2d	8 1/4	8	4 3/4	8	33	62	600	8,200	" "
**C	Clapp & Jones.	1886	La France Co.	1897	2d	7 1/2	7	4 3/4	7	32	62	600	7,180	" "
**D	La France Co.	1889	La France Co.	1904	1st	8 1/4	8	5 1/4	8	36	60	900	9,600	" "
**E	Ives Bros.	1874	La France Co.	1904	1st	8 1/2	10	5	10	38	64	900	10,760	" "
**F	Silsby Mfg. Co.	1887	.....	.....	3d	Rotary	.....	.....	.....	34	60	600	6,700	Rotary, crane-neck.
**G	Clapp & Jones.	1885	.....	.....	3d	6 1/4	7	3 3/4	7	32	60	500	6,700	Horizontal, straight frame, piston double.
**H	Ives Bros.	1875	La France Co.	1883	1st	8 1/2	9	5 1/4	9	36	62	900	10,400	Horizontal, straight frame, piston double.

*Fireboats. ** Reserve. †Auto Tractors.

COMBINATION HOSE WAGONS IN SERVICE.

			Auto-	Horse	Hose
			mobiles.	Drawn.	Carriages.
Engine Company	No.	1.....	..	2	..
"	"	" 2.....	..	2	..
"	"	" 3.....	..	2	..
"	"	" 4.....	I	I	..
"	"	" 5.....	I	..	..
"	"	" 6.....	..	2	..
"	"	" 7.....	..	2	..
"	"	" 8.....	I	..	..
"	"	" 9.....	I	..	I
"	"	" 10.....	..	I	I
"	"	" 11.....	..	2	..
"	"	" 12.....	..	I	I
"	"	" 13.....	..	2	..
"	"	" 14.....	..	2	..
"	"	" 15.....	..	I	..
"	"	" 15-2.....	..	I	..
"	"	" 17.....	..	I	I
"	"	" 18.....	I	I	..
"	"	" 19.....	I	I	..
"	"	" 20.....	..	2	..
"	"	" 21.....	..	I	I
"	"	" 22.....	..	I	I
"	"	" 23.....	..	2	..
"	"	" 24.....	..	I	..
"	"	" 25.....	I	I	..
"	"	" 26.....	..	I	I
"	"	" 27.....	..	2	..
"	"	" 28.....	..	I	..
"	"	" 29.....	..	I	I
"	"	" 30.....	..	I	I
"	"	" 31.....	..	I	..
"	"	" 32.....	I	I	..
"	"	" 33.....	..	I	..
"	"	" 34.....	..	I	I
"	"	" 36.....	..	I	I
"	"	" 37.....	..	I	..
"	"	" 38.....	..	I	..
"	"	" 40.....	I	..	..
Hose Company	No.	1.....	I	..	..
"	"	" 2.....	I	..	..
			—	—	—
			II	45	II

Auto combination hose wagon in reserve, 1.

Combination hose wagons in reserve, 2.



HIGH PRESSURE SERVICE DEMONSTRATION, CITY HALL PLAZA, MAY 21, 1913.

HOOK AND LADDER TRUCKS IN SERVICE.

Companies.	Description.
*No. 1 Hook and Ladder Company.	1 first-size Hayes aerial truck
" 2 " "	1 " " " "
" 3 " "	1 second-size Hayes aerial truck.
" 4 " "	1 first-size Hayes aerial truck.
" 5 " "	1 " " " "
" 6 " "	1 " " " "
" 7 " "	1 combination Holloway truck
" 8 " "	1 " " " "
" 9 " "	1 combination American La France truck.
" 10 " "	1 second-size Hayes aerial truck.
" 11 " "	1 first-size Hayes aerial truck.
" 12 " "	1 combination American La France truck.
" 13 " "	1 first-size Hayes aerial truck.
" 14 " "	1 combination American La France truck.
" 15 " "	1 second-size Hayes aerial truck.
" 16 " "	1 first-size Hayes aerial truck.
" 17 " "	1 second-size Hayes aerial truck.
" 18 " "	1 combination Balto. type truck.

* Auto tractor.

HOOK AND LADDER TRUCKS IN RESERVE.

1 first-size Hayes aerial truck.
 2 second-size Hayes aerial trucks.
 1 third-size Hayes aerial truck.
 1 combination Holloway truck.

FIREBOATS IN SERVICE.

DELUGE—Length, 120 feet; beam, 28 feet; draft, 10 feet; capacity, 12,000 gallons per minute.

CATARACT—Length, 86 feet; beam, 20 feet; draft, 10 feet; capacity, 4,000 gallons per minute.

WATER TOWERS IN SERVICE.

One 65-foot Hale water tower.

One 55-foot Hale water tower.

FUEL WAGONS.

Two three-horse wagons.

Seven two-horse wagons.

OFFICERS.

Five White gasoline automobiles.

One Buick automobile.

One Overland automobile.

One Studebaker automobile.

Five Concord wagons in service.

RESERVE.

One White automobile.

Nine Concord wagons.

FIRE ALARM TELEGRAPH DEPARTMENT.

Four lineman's wagons.

Two construction trucks.

One Superintendent's carriage.

MISCELLANEOUS.

One White automobile fireman's ambulance.

One White automobile supply truck.

One Mack automobile supply truck.

One horse-drawn supply truck.

One horse-drawn horse ambulance.

Two commissioners' carriages.

CHEMICAL ENGINES IN RESERVE.

One double 85-gallon Holloway chemical engine.

HOSE IN SERVICE.

COMPANY.			2½-Inch Cotton, Rubber - Lined Hose.	2½-Inch Rubber Hose.	3-Inch Cotton, Rubber - Lined Hose.	3½-Inch Cotton, Rubber - Lined Hose.	¾-Inch Chemical Hose.
No. 1	Engine Company..		2,850	100	.....	.....	400
" 2	" "	"	3,200	.....	.....	.....	500
" 3	" "	"	3,250	.....	.....	.....	446
" 4	" "	"	3,500	.....	.....	.....	450
" 5	" "	"	2,100	.....	.....	.....	250
" 6	" "	"	3,000	.....	.....	.....	450
" 7	" "	"	3,400	.....	.....	.....	500
" 8	" "	"	2,600	.....	.....	.....	250
" 9	" "	"	2,800	.....	.....	.....	250
" 10	" "	"	2,700	.....	.....	.....	250
" 11	" "	"	2,200	700	.....	.....	500
" 12	" "	"	2,850	.....	.....	.....	250
" 13	" "	"	3,050	.....	.....	.....	250
" 14	" "	"	2,600	.....	.....	.....	250
" 15	" "	"	4,400	200	.....	.....	250
" 16	" "	"	1,250	.....	1,000	.....	.....
" 17	" "	"	2,750	.....	.....	.....	250
" 18	" "	"	3,250	.....	.....	.....	450
" 19	" "	"	3,000	.....	.....	.....	500
" 20	" "	"	3,200	.....	.....	.....	450
" 21	" "	"	3,750	.....	.....	.....	250
" 22	" "	"	2,350	600	.....	.....	250
" 23	" "	"	2,900	100	.....	.....	500
" 24	" "	"	2,000	.....	.....	.....	250
" 25	" "	"	3,050	.....	.....	.....	250
" 26	" "	"	2,900	.....	.....	.....	250
" 27	" "	"	2,200	100	.....	.....	450
" 28	" "	"	3,000	.....	.....	.....	500
" 29	" "	"	2,950	.....	.....	.....	250
" 30	" "	"	3,000	.....	.....	.....	250
" 31	" "	"	2,850	.....	.....	.....	250
" 32	" "	"	3,350	.....	.....	.....	500
" 33	" "	"	1,600	.....	.....	.....	250
" 34	" "	"	2,600	.....	.....	.....	250
" 36	" "	"	3,050	.....	.....	.....	250
" 37	" "	"	2,350	.....	.....	.....	250
" 38	" "	"	3,000	.....	.....	.....	250
" 39	" "	"	1,100	.....	1,500	.....	.....
" 40	" "	"	1,950	.....	.....	.....	250



HIGH PRESSURE SERVICE DEMONSTRATION, CITY HALL PLAZA, MAY 21 1913.

HOSE IN SERVICE—SUMMARY.

YEAR PURCHASED.	2½-Inch Cotton, Rubber - Lined Hose.	2½-Inch Rubber Hose.	3-Inch Cotton, Rubber - Lined Hose.	3½-Inch Cotton, Rubber - Lined Hose.
1895.....	450	.....	.....	.....
1896.....	1,200	100	100	.....
1897.....	1,150	.....	.....	.....
1900.....	1,400	.....	200	.....
1901.....	250	.....	.....	.....
1902.....	550	.....	.....	.....
1903.....	6,200	.....	.....	.....
1904.....	40,600	.....	.....	.....
1905.....	900	.....	.....	.....
1906.....	13,350	.....	.....	.....
1907.....	5,300	.....	.....	.....
1908.....	2,100	.....	.....	.....
1909.....	13,350	.....	.....	63
1910.....	3,350	.....	.....	75
1911.....	11,150	.....	200	75
1912.....	6,950	.....	8,000	.....
1913.....	6,700	2,000	2,000	.....
Total.....	114,850	2,100	10,500	213

Grand Total 127,663

HORSES.

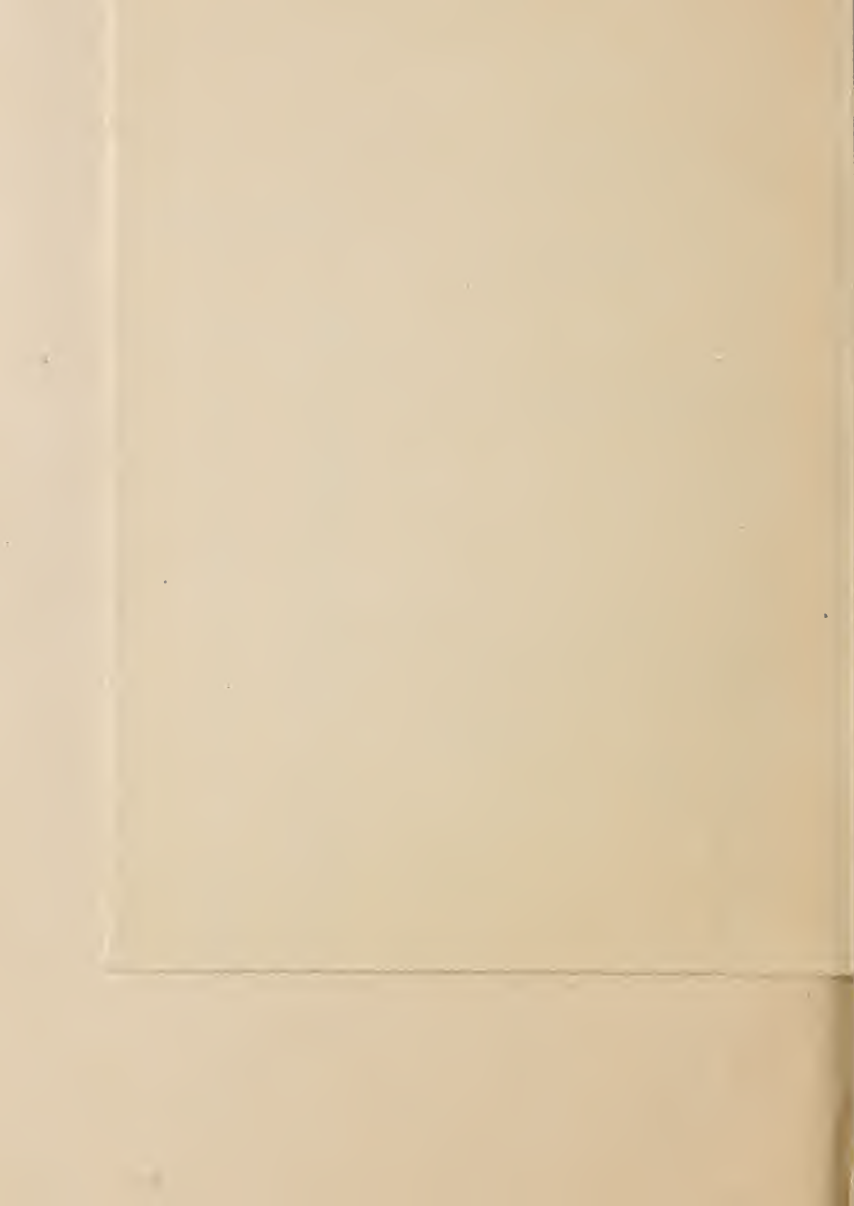
Officers.....	8
No. 1 Engine Company.....	5
“ 2 “ “	5
“ 3 “ “	5
“ 4 “ “	3
“ 6 “ “	5
“ 7 “ “	5
“ 8 “ “	2
“ 9 “ “	3
“ 10 “ “	5
“ 11 “ “	4
“ 12 “ “	5
“ 13 “ “	5
“ 14 “ “	5
“ 15 “ “	10
“ 17 “ “	5
“ 18 “ “	3
“ 19 “ “	3
“ 20 “ “	6
“ 21 “ “	5
“ 22 “ “	5
“ 23 “ “	5
“ 24 “ “	4
“ 25 “ “	3
“ 26 “ “	5
“ 27 “ “	5
“ 28 “ “	5
“ 29 “ “	6
“ 30 “ “	6
“ 31 “ “	6
“ 33 “ “	5
“ 34 “ “	5
“ 36 “ “	5
“ 37 “ “	5
“ 38 “ “	5
No. 2 Truck Company.....	3
“ 3 “ “	3
“ 4 “ “	3
“ 5 “ “	3
“ 6 “ “	3



HIGH PRESSURE SERVICE DEMONSTRATION. MORSE JUMBO NOZZLE,
CITY HALL PLAZA, NOVEMBER 22, 1913.

No. 7 Truck Company.....	3
" 8 " "	3
" 9 " "	3
" 10 " "	3
" 11 " "	3
" 12 " "	3
" 13 " "	3
" 14 " "	3
" 15 " "	3
" 16 " "	3
" 17 " "	3
" 18 " "	3
" 1 Water Tower.....	3
" 2 " "	3
Fire Alarm Telegraph Department.....	8
<hr/>	
Horses in service.....	237
Horses in reserve.....	35
<hr/>	
Total.....	272
<hr/>	
Horses died	3
Horses disposed of.....	15





FIRES IN DIFFERENT STYLES OF BUILDINGS, ETC.

MONTHS.	Brick or Stone.	Frame.	Corrugated Iron.	Other than Buildings.	False Alarms.	Total.
January	154	15	3	10	11	193
February	160	9	1	16	6	192
March	151	15	.....	31	7	204
April	104	11	1	20	10	146
May	129	15	1	28	6	179
June	116	15	.....	26	6	163
July	131	13	1	29	4	178
August	81	8	2	14	1	106
September	98	9	1	23	3	134
October	98	2	1	17	7	125
November	133	16	1	27	4	181
December	141	16	.....	15	5	177
Totals.....	1,496	144	12	256	70	1,978

SECOND, THIRD AND GENERAL ALARMS OF FIRE DURING 1913.

Box.	Location.	Date.	Alarm.	Alarm.	Alarm.
538	Bush and Wicomico streets.....	January 2	.....	.....	.....
564	S. W. cor. Bayard and Carroll streets.	January 10	Second.....	.....	.....
6521	S. E. cor. Russell and Aluvian streets.	January 22	Second.....	.....	.....
131	East Falls and Eastern avenues.....	January 24	Second.....	.....	.....
414	227 West Baltimore street.....	February 16	Second.....	.....	.....
27	704 North Durham street.....	February 21	.....	Third.....	.....
10-2-5	Brunswick street extended.....	March 24	.....	.....	Combination.....
563	1201 South Sharp street.....	April 27	.....	Third.....	.....
816	E. of Harford ave. and B. & O. R. R.	May 11	.....	.....	Combination.....
561	Foot of Peach alley.....	May 21	.....	Third.....	.....
153	S. W. cor. Fleet and Eden streets...	May 25	.....	Third.....	.....
147	S. W. cor. Fleet and Eden streets...	May 25	Second.....	.....	.....
415	N. W. cor. Eutaw and German streets	July 4	Second.....	.....	.....
716	Brunswick street extended.....	July 7	Second.....	.....	.....
184	2601-21 Boston street.....	July 8	Second.....	.....	.....
514	423-425 West Pratt street.....	July 22	Second.....	.....	.....
561	S. W. cor. Ostend and Leadenhall streets.....	August 3	Second.....	.....	.....
418	224 North Howard street.....	September 6	Second.....	.....	.....
529	6 and 8 West Lombard street.....	September 12	.....	Third.....	.....
4122	6 and 8 West Lombard street.....	September 12	Second.....	.....	.....
257	Oliver and Aisquith streets.....	October 22	.....	.....	Combination.....
197	6 to 12 South Ann street.....	November 4	Second.....	.....	.....
561	Peach alley and Ostend street.....	November 5	Second.....	.....	.....
62	1050 William street.....	November 7	Second.....	.....	.....
8122	Sinclair lane, near Belair road.....	November 9	Second.....	.....	.....
35	915 North Howard street.....	November 19	.....	Third.....	.....
213	810 East Lexington street.....	November 26	.....	.....	Combination.....
62	1041 Light street.....	November 26	Second.....	.....	.....
415	306 West Baltimore street.....	November 17	.....	Third.....	.....



HIGH PRESSURE SERVICE DEMONSTRATION, MORSE JUMBO NOZZLE,
CITY HALL PLAZA, NOVEMBER 22, 1913.



SUMMARY OF FIRES FOR THE YEAR 1913.

MONTH.	1st District.	2d District.	3d District.	4th District.	5th District.	6th District.	7th District.	8th District.	Boxes.	Signal.	Special.	Total.
January.....	18	18	10	33	11	8	2	8	108	64	21	193
February.....	8	24	11	24	8	12	3	12	102	67	23	192
March.....	14	18	10	17	12	11	8	8	98	85	21	204
April.....	12	15	7	15	8	6	5	8	76	53	17	146
May.....	17	19	10	21	12	10	9	7	105	61	13	179
June.....	10	15	6	16	17	9	8	8	89	54	20	163
July.....	15	12	8	16	14	13	2	3	89	67	22	178
August.....	8	11	5	15	12	8	2	11	72	27	7	166
September....	12	8	3	18	10	8	3	3	65	55	14	134
October.....	8	12	4	14	11	10	6	6	71	42	12	125
November....	11	15	12	23	7	15	6	12	101	69	11	181
December....	13	15	13	23	11	13	10	5	103	56	18	177
Totals..	146	182	99	235	133	123	70	91	1079	700	199	1978

FIRES AT WHICH RESCUES WERE MADE.

Sunday, March 9—Box 1426, 2.19 A. M. The family of Mr. Frank Hurwitz, 919 East Baltimore street, whose escape was cut off by fire and smoke, were rescued by the following members of the Department: No. 3 Engine Company, Capt. John Grasmick, Lieut. Louis Harrer, Pipeman William Wambold, Howard H. Elliott, Joseph Deasel, John Banearski, Albert C. Meinschein and Substitute Herbert W. Rider; No. 32 Engine Company, Capt. Robert J. Thompson, Lieut. Joseph F. Danaher, Assistant Hostler Frederick W. Joeckel, pipemen James M. Ward, Samuel C. Smith and Edward J. Cavanaugh; No. 1 Truck Company, Capt. James V. McCarron, Tillerman Harry A. Donahoo, Assistant Hostler August C. Hartman, laddermen Joseph H. Daly, Joseph A. Gallion, Gerlack Debus, Albert J. Russell, John Schmidt and Probationer Arthur T. Guntrum.

Wednesday, April 30—Box 847, 5.20 P. M. Mr. John George, age fifty-five years, 112 West Twentieth street, whose escape was cut off by smoke, was rescued by pipemen Reginald V. Hornberger and John J. Roberts, No. 18 Engine Company, by means of an eighteen-foot ladder.

Wednesday, July 9—Box 145, 2.56 A. M. Mr. and Mrs. James Kirschowitz and four children, ages from three to fifteen years, whose escape was cut off by smoke, were taken from the third-story front room windows by means of a thirty-five foot ladder by the following members of No. 1 Truck Company: Lieut. Asa Griffith, Tillerman Harry A. Donahoo, Assistant Tillerman Joseph A. Haskell, Assistant Hostler August C. Hartman, laddermen Joseph A. Gallion, Albert J. Russell and Albert T. Cooper.

Sunday, October 5—Box 7524, 12.27 P. M. Mrs. Emma and Miss Estelle Lyness, 2905 Walbrook avenue, whose escape

was cut off by smoke, were assisted down a twenty-five foot ladder from third floor by Pipeman Charles Hesse and Substitute Edward Fox, No. 20 Engine Company and Ladderman John T. Neary, No. 18 Truck Company.

Saturday, October 25—Silent, 1.55 P. M. Charles Carey, colored, age twenty-one years, 611 George street, was overcome by gas, in excavation on Baltimore street, near Howard, and was rescued by Acting Lieutenant John C. Luckhardt and Pipeman Joseph P. Lyons, No. 15 Engine Company, and sent to Maryland University Hospital in the Western District Police Ambulance. Captain J. Walter Bradley, No. 2 Truck Company, was overcome by gas and rescued by Lieut. Henry Miller and Pipeman Joseph P. Lyons, No. 15 Engine Company, and Tillerman William C. Talbott and Ladderman John E. Mack, No. 2 Truck Company, and conveyed to Maryland University Hospital in the Western Police Ambulance.

Tuesday, October 28—Box 5226, 4.37 A. M. The family of Mr. Gregory Avado, 224 South Rutaw street, consisting of Mrs. Mary Avado, thirty-six years; Annie, twelve years; Vincent, thirteen years; Mary, six years; Jennie, eight years, and Samuel, nine years, were rescued by Acting Deputy Chief James A. Campbell, Acting Fifth District Engineer Edward Tauber, Capt. William J. McDonald, Lieut. Henry Miller, Assistant Hostler James E. Murphy and Pipeman Joseph P. Lyons, No. 15 Engine Company; Capt. Edgar B. McKnew, No. 27 Engine Company; Lieut. Louis R. Bell, pipemen Charles J. Schalter and A. J. Heird, No. 2 Hose Company; Assistant Hostler Howard O. Ely and Ladderman Henry J. Carle, No. 2 Truck Company, and Pipeman Thomas H. Linthicum, No. 23 Engine Company. Were sent to Maryland University Hospital in the Western and Southern Districts Police ambulances for treatment.

FIRES WHICH WERE ATTENDED BY LOSS OF LIFE.

Monday January 20—Box 428, 8.44 P. M. Mr. George T. Oliver, age fifty-nine years, 1031 West Lexington street, fell down stairs with a lighted coal oil lamp, causing his clothes to catch fire and was burned to death.

Thursday, January 30—Special, 9.50 A. M. Mrs. Mary Purdy, age sixty-nine years, 1009 Sassafras Court, was burned about the entire body and sent to Mercy Hospital in Central District Ambulance, where she died the P. M. of same date. Cause, hot coals igniting dress.

Friday, February 7—Box 381, 12.50 P. M. Mary A. Johnson, age forty-seven years, 1350 North Stricker street, while kindling fire her clothes became ignited and she was burned about the body and face and removed to Maryland Homeopathic Hospital, where she died 6.15 P. M. same date.

Sunday, February 16—Special, 8.40 A. M. Mrs. Lena Schuman, age forty-two years, 120 South Caroline street, was burned about her entire body and sent to the Hebrew Hospital in Eastern District Police Ambulance, where she died at 6 A. M. the 17th instant. Cause, clothes igniting from a gas stove.

Friday, March 7—Silent, 10.55 A. M. Quarantine Anchorage, Patapsco River, Anne Arundel County, Md. The Steamship Alum Chine was blown up in Baltimore Harbor by dynamite explosion. Sinking of Tugboat Atlantic, belonging to Atlantic Transport Company and a railroad barge of the Pennsylvania Railroad Company. Loss of life estimated at sixty persons. Fireboat Deluge rendering assistance.

Wednesday, April 23—Box 517, 9.43 A. M. Russell street and Harmon lane. Mr. George Cox, age twenty-five years, 1710 Pennsylvania avenue, was severely burned about the



HIGH PRESSURE SERVICE DEMONSTRATION, MORSE JUMBO NOZZLE,
CITY HALL PLAZA, NOVEMBER 22, 1913.

body and sent to the Maryland University Hospital in the Southern District Ambulance, where he died at 1.10 P. M. same date. Cause, coming in contact with live wire.

Wednesday, May 21—Box 561, 4.35 P. M. Foot of Peach alley. Richard Storrey, of 904 Peach alley, age twenty-seven years, was severely burned about the body, face and hands, and removed to the Maryland University Hospital in the Southern District Police Ambulance, where he died on the 23d instant, from result of his burns.

Thursday, June 12—Special, 5.50 A. M. Elizabeth Williams, colored, age eighty-eight years, 226 North Pine street, was burned about the entire body, and removed to the Maryland University Hospital in the Western District Police Ambulance, where she died the P. M. of the same date. Cause, burning paper.

Sunday, June 15—Box 5321, 3.20 A. M. Mary Curtis, colored, age thirty-one years, 542 Burgundy alley, was severely burned about the body, and was conveyed to the Maryland University Hospital in the Western District Police Ambulance, where she died at 9 A. M. the same date. Cause, coal oil lamp.

Thursday, June 19—Box 541, 6.30 A. M. Della Williams, colored, age twenty-four years, 439 West Henrietta street, was burned about the entire body and removed to the Maryland University Hospital in the Southern District Police Ambulance, where she died at 3 P. M. the same date. Cause, coal oil lamp.

Wednesday, July 2—Box 247, 8.52 A. M. Miss Teresa E. Weber, age thirteen years five months, 2110 East Madison street, employed as a salesgirl at 581 North Gay street, was found on second floor unconscious by Capt. James V. McCarron, acting Second District Chief, who carried her to a ladder at front window and passed her to members of No. 9 Engine and No. 5 Truck Companies. She was removed to St.

Joseph's Hospital by Northeastern District Police Ambulance, where they pronounced her dead. Cause, suffocation.

Tuesday, July 8—Silent, 6.08 P. M. Abraham Cohen, age five years six months, 1610 East Pratt street, was burned about the entire body, and removed to the Hebrew Hospital in the Eastern District Police Ambulance, where he died at 11 P. M. the same date. Cause, playing with gas stove.

Wednesday, July 16—Box 546, 4.19 P. M. Mary Griffis, colored, age eighty-nine years, 1004 Plum alley, was severely burned about the body and removed to the Maryland University Hospital in the Southern District Police Ambulance, where she died at 10.30 P. M. the same date. Cause, smoking pipe in bed.

Tuesday, July 22—Box 8121, 3.26 P. M. Gordon Von Keiman, age five years, and Emmet Von Keiman, age four years, 44 Belair avenue, were found burned to death in the second-story front room by members of the Fire Department. Cause, unknown.

Saturday, August 9—Silent, 6.24 P. M. While building northeast corner Gutman and Montebello avenues was being demolished, Elizabeth Handley, age seven years, 604 Gutman avenue, was caught under wall and killed instantly and found by members of No. 14 Truck Company.

Thursday, September 11—Special, 12.10 P. M. Andrew Schneider, age four years, 1106 Hull street, was burned about the entire body and removed to the Mercy Hospital in the Southern District Police Ambulance, where he died at 7 A. M. the 12th instant. Cause, playing with matches.

Saturday, September 13—Special, 7 P. M. Morris Dubewitz, age seven years, 1303 East Lombard street, was burned about the entire body, and removed to the Hebrew Hospital in the Eastern District Police Ambulance, where he died on the 14th instant. Cause, playing with matches.



ENGINE COMPANY NO. 39. FIREBOAT DELUCE.

Wednesday, October 29—Box 264, 11.31 P. M. Mrs. Jennette Ross, colored, age forty-two years, 521 South Caroline street, was burned about the entire body and removed to St. Joseph's Hospital in the Northeastern District Police Ambulance, where they pronounced her dead. Cause, unknown.

Friday, October 31—Special, 7.35 A. M. John Johnson, age thirty-one years, 1038 Hillen street, was burned about the entire body, and removed to the Mercy Hospital in the Central District Police Ambulance, where he died at 11 A. M. the same date. Cause, unknown.

Tuesday, November 18—Special, 10.30 A. M. Mrs. Mary A. Flynn, age eighty-five years, 701 Scott street, was burned about her entire body, and died while being conveyed to the Franklin Square Hospital in the Southwestern District Police Ambulance. Cause, unknown.

Monday, December 8—Box 623, 5.01 A. M. Mrs. Maggie Buckholtz, age sixty-three years, 1014 South Hanover street, was burned to death, and her body removed to the Morgue in the Western District Police Ambulance. Cause, unknown.

Monday, December 15—Box 159, 11.58 P. M. Mrs. Louisa Greenwald, age seventy years, 1608 Fleet street, was burned about her body and limbs and removed to St. Joseph's Hospital in the Eastern District Police Ambulance, where she died at 11 P. M. the 17th instant. Cause, unknown.

Thursday, December 25—Box 175, 6.05 P. M. Mr. Matthew M. Street, age sixty-three years, 334 South Collington avenue, was found burned to death by members of the Fire Department. Cause, unknown.

Saturday, December 27—Box 2422, 7.53 A. M. Abraham Scop, age five years, 903 East Madison street, was burned over the entire body, and removed to the Hebrew Hospital, where he died on January 6, 1914. Cause, explosion of gasoline.

TABLE SHOWING THE DIFFERENT CAUSES OF FIRES AND
ALARMS DURING 1913.

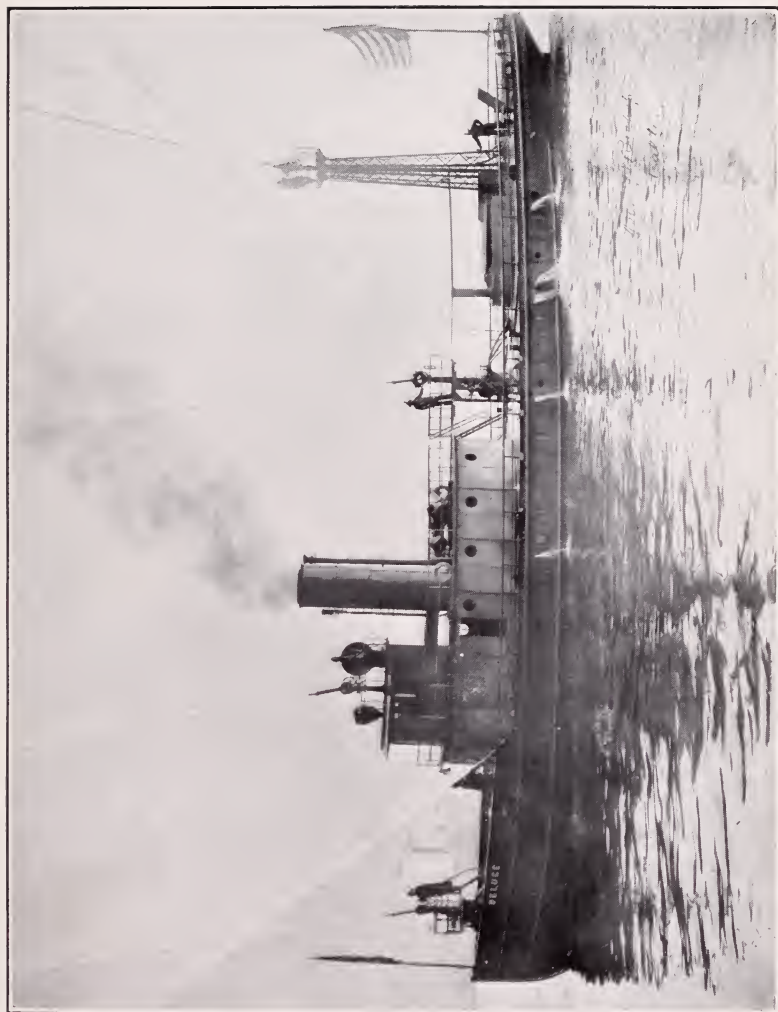
Alcohol lamp	1
Back-fire	24
Burning rubbish	32
Building collapsing	2
Burning paper	12
Bonfire	7
Blown fuse	4
Balloon	4
Boiling wax	1
Burning hornets' nest	1
Burning insulation	4
Burning sulphur	1
Burning celluloid	1
Coal oil stove	42
Coal oil heater	15
Coal oil lamp	50
Carboy acid	1
Cigar lighter	1
Defective flue	70
Dynamite explosion	1
Defective wiring	13
Defective peanut roaster	1
Ditch cave-in	1
Electric wire	17
Electric iron	2
Explosion of waterback.....	1
Electric light	2
Explosion of chemicals.....	1
Explosion of ammonia tank.....	1
False alarms	71
Fireworks	2
Friction	1
Fire-pot	1
Gas jet	43
Gas stove	22
Gasoline stove	30
Gasoline	20
Gas heater	3
Gas pipe	1

TABLE SHOWING THE DIFFERENT CAUSES OF FIRES AND
ALARMS DURING 1913—*Continued.*

Gas explosion	8
Gas tank	2
Gas iron	4
Gas range	3
Hot coals	6
Hot ashes	13
Hot rivet	1
Hot box	1
Iron heater	1
Incendiary	5
Lighted match	60
Lighted candle	36
Lighted lantern	8
Lighted paper	3
Lighted pipe	1
Lightning	4
Lighted cigarette	1
Lighted torch	5
Overheated stove	32
Overheated stovepipe	23
Overheated boiler	2
Overheated range	7
Overheated furnace	7
Overheated chimney	1
Overheated oven	1
Overheated kiln	3
Overheated stack	3
Pitch boiling over.....	10
Playing with matches.....	40
Playing with fire.....	4
Pan of grease.....	22
Pilot light	1
Plumber's fire-pot	3
Pan of camphor.....	1
Painter's torch	1
Rekindle	5
Rivet heater	1
Rear-end collision	2
Soot	87

TABLE SHOWING THE DIFFERENT CAUSES OF FIRES AND
ALARMS DURING 1913—*Concluded.*

Sparks	45
Spontaneous combustion	8
Smoking in bed.....	5
Sulphur boiling over.....	1
Slacking lime	1
Tinner's pot	3
Thawing water pipe.....	3
Unknown	866
Unusual smoke	104
Unusual steam	5
Unusual light	9
Unnecessary alarm	3



ENGINE COMPANY NO. 39. FIREBOAT DELUGE IN ACTION.

SERVICE RENDERED BY THE FIRE DEPARTMENT
AT FIRES OUTSIDE CITY LIMITS.

March 7, 10.55 A. M.—Still alarm, Quarantine Anchorage, Patapsco River. Explosion of dynamite on Steamship Alum Chine. Company in service: Fireboat "Deluge."

March 24, 2.19 A. M.—Box 10-2-5, D. B. Martin Company, Union Abattoir, Baltimore County. Companies in service: Engine Companies Nos. 8, 10, 14, 30, 36 and 38, Truck Companies Nos. 8 and 13; District Engineers Nos. 4 and 7; Chief Engineer.

May 3, 11.18 P. M.—Box 10-1, American Agricultural Chemical Works, 2272 South Clinton street, Baltimore County; Fertilizer Works. Companies in service: Engine Companies Nos. 11 and 22, Truck Company No. 17, Fireboat "Cataract," District Engineer No. 1.

June 1, 4.11 P. M.—Box 544, P. Satsky, Nos. 3-5-7-9-11 Washington road, Baltimore County, general store and dwellings. Companies in service: Engine Companies Nos. 10 and 37, Truck Company No. 13, District Engineer No. 4.

June 13, 9.20 P. M.—Still alarm, Martin Wagner Company, Wagner's Point, Anne Arundel County. Companies in service: Fireboat "Deluge," June 13, 9.20 P. M. to June 14, 7.30 A. M.; Fireboat "Cataract," June 14, 11 A. M. to 7 P. M.

July 7, 4.39 P. M.—Box 716, D. B. Martin Company, Union Abattoir, Baltimore County. Companies in service: Engine Companies Nos. 10, 14, 30 and 36, Truck Companies Nos. 8 and 13, District Engineers Nos. 4 and 7.

September 27, 8.33 P. M.—Box 1925, D. B. Martin & Co., foot Fourth avenue, Canton, Baltimore County; Fertilizer Factory. Companies in service: Engine Companies Nos. 11 and 22, Truck Company No. 17, Fireboat "Deluge," District Engineer No. 1.

NUMBER OF FIRES AND LOSSES EACH YEAR SINCE THE
ORGANIZATION OF THE PAID FIRE DEPARTMENT.

YEAR	NUMBER OF FIRES.	LOSSES.
1859.....	98.....	\$350,000.00
1860.....	112.....	310,000.00
1861.....	115.....	60,000.00
1862.....	130.....	83,000.00
1863.....	138.....	120,482.33
1864.....	143.....	163,528.49
1865.....	163.....	71,358.90
1866.....	178.....	181,115.00
1867.....	193.....	293,045.00
1868.....	145.....	76,244.75
1869.....	187.....	308,259.09
1870.....	203.....	432,717.07
1871.....	226.....	475,391.00
1872.....	245.....	300,000.00
1873.....	265.....	892,628.58
1874.....	384.....	506,826.15
1875.....	348.....	608,351.30
1876.....	332.....	563,248.78
1877.....	420.....	438,715.57
1878.....	371.....	162,312.78
1879.....	306.....	193,654.54
1880.....	343.....	580,290.09
1881.....	324.....	454,773.35
1882.....	358.....	330,113.84
1883.....	399.....	561,520.00
1884.....	388.....	617,871.79
1885.....	474.....	441,743.00
1886.....	430.....	896,527.12
1887.....	496.....	1,162,359.26
1888.....	602.....	1,272,478.82
1889.....	545.....	477,329.07
1890.....	594.....	441,152.65
1891.....	676.....	650,009.73
1892.....	795.....	839,433.77
1893.....	829.....	1,153,129.76
1894.....	831.....	542,188.29
1895.....	816.....	730,751.11
1896.....	985.....	423,062.79

NUMBER OF FIRES AND LOSSES EACH YEAR SINCE THE
ORGANIZATION OF THE PAID FIRE
DEPARTMENT—*Concluded.*

YEAR.	NUMBER OF FIRES.	LOSSES
1897.....	1,110.....	\$572,497.39
1898.....	1,375.....	861,114.77
1899.....	1,309.....	438,583.38
1900.....	1,458.....	1,084,471.84
1901.....	1,498.....	1,499,119.90
1902.....	1,547.....	681,968.89
1903.....	1,522.....	670,614.61
1904.....	1,482.....	501,322.71
1904 Conflagration.....	(Estimated)	60,000,000.00
1905.....	1,463.....	410,273.06
1906.....	1,373.....	612,567.75
1907.....	1,533.....	890,002.11
1908.....	1,475.....	1,125,724.90
1909.....	1,664.....	1,328,615.33
1910.....	1,603.....	792,942.13
1911.....	1,663.....	565,926.41
1912.....	1,947.....	(Estimated) 306,200.00
1913.....	1,978.....	(Estimated) 500,000.00

FIRE DEPARTMENT INSPECTIONS.

COMPANY.				Building Laws.		Fire Prevention Law.	
				Inspections.	Reports Violations.	Inspection.	Reports Violations.
No.	1	Engine Company	.....	347	20	127	30
"	2	"	"	95	30	95	38
"	3	"	"	111	46	111	22
"	4	"	"	132	7	132	5
"	5	"	"	73	10	29	12
"	6	"	"	85	23	85	28
"	7	"	"	18	7	18	13
"	8	"	"	66	6	98	5
"	9	"	"	28	2	28	.....
"	10	"	"	150	2	150	9
"	11	"	"	31	3	14	4
"	12	"	"	24	4	18	8
"	13	"	"	24	5	68	4
"	14	"	"	79	2	79	1
"	15	"	"	331	29	103	53
"	17	"	"	50	1	32	9
"	18	"	"	107	23	7	.....
"	19	"	"	31	.....	31	3
"	20	"	"	31	20	6	6
"	21	"	"	25	3	83	1
"	22	"	"	50	1	4	.....
"	23	"	"	198	27	55	26
"	24	"	"	23	3	5	2
"	25	"	"	15	3	12	4
"	26	"	"	211	56	35	20
"	27	"	"	165	87	87	38
"	28	"	"	103	40	88	12
"	29	"	"	11	.....	11	.....
"	30	"	"	20	2	20	10
"	31	"	"	2	1	2	.....
"	32	"	"	100	32	100	15
"	33	"	"	20	.....	20	.....
"	34	"	"	12	7	12	3
"	36	"	"	13	.....	13	1
"	37	"	"	28	5	12	4
"	38	"	"	41	6	41	4
"	40	"	"	10	3	.....	.....

FIRE DEPARTMENT INSPECTIONS—*Continued.*

COMPANY.				Building Laws.		Fire Prevention Law.	
				Inspection.	Reports Violations.	Inspection.	Reports Violations.
No. 1	Truck Company	.....		80	6	40	15
" 2	"	"	.....	193	46	24	21
" 3	"	"	.....	115	18	30	.....
" 4	"	"	.....	125	5	125	12
" 5	"	"	.....	24	4	24	2
" 6	"	"	.....	77	4	56	14
" 7	"	"	.....	2	.....	2	.....
" 10	"	"	.....	33	3	42	1
" 11	"	"	.....	78	11	128	10
" 12	"	"	.....	10	3	13	3
" 13	"	"	.....	58	9	82	12
" 14	"	"	.....	19	1	19	.....
" 15	"	"	.....	16	.....	.....	.....
" 16	"	"	.....	65	10	96	18
" 17	"	"	.....	45	5	3	.....

ROSTER OF THE DEPARTMENT

AND

LOCATION OF COMPANIES

1913

OFFICERS.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
August Emrich.....	51	June 13, 1884...	Chief Engineer...	321 E. Biddle street.....	Coal dealer.
Levin H. Burkhardt...	46	Nov. 3, 1890...	Dep. Chf. Engineer	953 Madison avenue.....	Carpenter.
James T. Dunn.....	52	April 1, 1890...	1st Dist. " " "	873 W. Fayette street...	Molder.
John L. Emerson.....	45	Jan. 18, 1892...	2d " " "	1820 E. Lafayette avenue..	Painter.
Frederick Branau.....	65	April 1, 1879...	3d " " "	324 W. Twenty-first street.	Harnessmaker.
E. Louis Shipley.....	53	July 1, 1891...	4th " " "	2123 McCulloh street.....	Shoemaker.
James A. Campbell...	49	Jan. 16, 1894...	5th " " "	503 W. Saratoga street....	Stonecutter.
John Kahl.....	44	Feb. 1, 1881...	6th " " "	102 Warren avenue.....	Driver.
Fielding H. Lucas....	62	April 1, 1881...	7th " " "	2046 Clifton avenue.....	Typefounder.
Michael A. Lind.....	51	July 13, 1887...	8th " " "	400 S. Patterson Park ave.	Painter.
Thomas H. Meushaw...	57	May 15, 1885...	Supt. Machinery..	3132 Harford road.....	Machinist.
John N. Bletzer.....	50	Jan. 26, 1889...	Asst. Supt. Mach.	722 S. Bond street.....	Machinist.

No. 1 ENGINE COMPANY.—Located on Paca Street, near Mulberry Street.
Organized February 15, 1859.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
John Watson.....	40	Dec. 15, 1897...	Captain	942 W. Mulberry street...	Carpenter.
Frank H. Carr.....	38	Dec. 15, 1897...	Lieutenant	2556 W. Baltimore street.	Steamfitter.
John M. Foard.....	43	Dec. 15, 1897...	Engineman	2638 Guilford avenue.....	Machinist.
Joseph R. Shea.....	30	July 1, 1907...	Asst. Engineman	38 S. Pulaski street.....	Pipefitter.
Michael Beine.....	35	Aug. 5, 1909...	Hostler	1134 Scott street.....	Salvage corps.
William H. Zander...	29	Mar. 23, 1911...	Asst. Hostler...	606 S. Rose street.....	Boxmaker.
James F. Legg.....	37	March 15, 1906...	Pipeman.....	844 W. Lexington street..	Clerk.
Frederick N. Walther.	30	Jan. 1, 1907...	Pipeman	1319 Light street.....	Candyman.
Joseph N. Doughy...	28	March 4, 1908...	Pipeman	2940 E. Monument street..	Clerk.
Iverson S. Moon.....	23	Aug. 15, 1912...	Pipeman	1631 E. Monument street..	Seaman.
William Grauling....	23	Feb. 1, 1913...	Pipeman	2031 Fleet street.....	Clerk.
Rudolph M. O'Mara...	29	May 3, 1913...	Pipeman	506 Brune street.....	Printer.

No. 2 ENGINE COMPANY.—Located on Barre Street, near Sharp Street.
Organized February 15, 1859.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Theodore G. Groth....	36	Feb. 1, 1902...	Captain.....	2545 W. Fairmount avenue.	Printer.
Wesley McClean.....	35	July 1, 1903....	Lieutenant....	142 W. Cross street.....	Cabinetmaker.
Patrick Donnelly.....	45	March 20, 1907...	Engineman.....	436 E. Randall street....	Railroad engineer.
Charles M. Potter.....	45	Feb. 1, 1902....	Asst. Engineman..	614 E. Fort avenue.....	Machinist helper.
Frank Hines.....	48	April 30, 1890...	Hostler.....	936 S. Sharp street.....	Tinner.
William J. Kronenberg.	32	Aug. 11, 1911...	Asst. Hostler...	1625 Hanover street.....	Clerk.
William H. Bell.....	56	May 22, 1894....	Pipeman.....	1144 Cleveland street....	Blacksmith.
George D. Shanks.....	55	Dec. 15, 1896....	Pipeman.....	1107 W. Cross street.....	Shoemaker.
Robert S. Tate.....	34	Feb. 1, 1906....	Pipeman.....	17 Mt. Olivet lane.....	Driver.
John W. Bosley.....	40	Jan. 1, 1907....	Pipeman.....	1442 S. Charles street....	Laborer.
Edward J. McKewen..	23	Aug. 16, 1912...	Pipeman.....	1719 E. Pratt street.....	Sailor.
George E. Linton.....	27	Oct. 11, 1913...	Pipeman.....	203 Scott street.....	Woodworker.

No. 3 ENGINE COMPANY.—Located on Lombard Street, near High Street.
Organized February 15, 1859.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
John Grasmick.....	40	Dec. 24, 1896....	Captain.....	2617 Fairmount avenue....	Carpenter.
Louis Harter.....	56	Dec. 19, 1892....	Lieutenant....	223 S. Chester street....	Wharf builder.
Joseph P. Whalen.....	48	July 28, 1896....	Engineman.....	116 S. Ann street.....	Machinist.
William G. Adams.....	29	Feb. 1, 1907....	Asst. Engineman..	3 S. Hare street.....	Boilermaker.
John Hildwein.....	35	Mar. 20, 1908...	Hostler.....	1637 Orleans street.....	Driver.
John H. Wittig.....	33	Jan. 1, 1907....	Asst. Hostler...	509 S. Kenwood avenue...	Driver.
William Warmbold....	40	April 5, 1906....	Pipeman.....	2914 E. Pratt street.....	Paperhanger.
Howard H. Elliott.....	30	July 1, 1907....	Pipeman.....	719 N. Caroline street....	Painter.
Joseph Deasel.....	29	April 15, 1910...	Pipeman.....	127 S. Wolfe street.....	Driver.
Albert C. Meinschein..	27	Feb. 8, 1912....	Pipeman.....	417 S. Maderia street....	Steamfitter.
Frank Oltman.....	33	May 20, 1912...	Pipeman.....	2224 Eastern avenue.....	Ironmolder.
John F. Bancarski....	26	May 17, 1912...	Pipeman.....	238 S. Ann street.....	Mariner.
F. W. McCambridge...	27	Sept. 30, 1913...	Probationer....	1440 Patapsco street.....	Driver.

No. 4 ENGINE COMPANY.—Located on Lexington Street, near North Street.
Organized February 15, 1859.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Eugene Short.....	46	June 7, 1901...	Captain.....	219 W. Centre street.....	Hostler.
Frank G. Smith.....	40	April 1, 1897...	Lieutenant.....	2426 E. Fayette street....	Can capper.
Thomas F. Sexton....	59	July 1, 1888...	Engineman.....	1645 N. Fulton avenue....	Machinist.
George C. Parker.....	37	Jan. 26, 1912...	Asst. Engineman..	1716 Crystal avenue.....	Stationary Engineer.
George Yurek.....	40	March 13, 1899...	Hostler.....	121 S. Regester street....	Brass finisher.
Walter V. Smith.....	33	Mar. 15, 1906...	Asst. Hostler....	103 S. Potomac street....	Laborer.
Charles E. Smith.....	33	March 19, 1910...	Pipeman.....	1203 Mosher street.....	Painter.
David F. Laumaster...	29	July 1, 1909...	Pipeman.....	828 N. Bond street.....	Driver.
William R. Halloran..	30	Feb. 7, 1911...	Pipeman.....	1108 Ashland avenue.....	Laborer.
William Ludloff.....	31	Sept. 25, 1912...	Pipeman.....	2002 Orleans street.....	Driver.
John A. Haskie.....	26	Mar. 12, 1913...	Pipeman.....	317 S. Ann street.....	Seaman.
George H. Hilgeman..	25	Dec. 10, 1911...	Pipeman.....	1706 E. Fayette street....	Clerk.
Harry R. Voyce.....	28	Oct. 21, 1913...	Probationer.....	941 Ensor street.....	Teamster.

No. 5 ENGINE COMPANY.—Located on Ann Street, near Gough Street
Organized April 1, 1859.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Frederick J. Strochlein.	41	Dec. 15, 1896...	Captain.....	435 N. Kenwood avenue...	Clerk.
George E. Wellslager..	41	Dec. 15, 1897...	Lieutenant.....	220 N. Patterson Park ave.	Shear cutter.
William L. Sbsa.....	49	July 28, 1896...	Engineman.....	633 N. Patterson Park ave.	Marine engineer.
Owen M. Boone.....	39	Oct. 11, 1913...	Asst. Engineman..	1638 N. Bradford street...	Stationary engineer.
Andrew W. German...	39	Oct. 1, 1902...	Hostler.....	513 N. Washington street..	Clerk.
Vacancy.....			Asst. Hostler....		
Bernard E. Weiss.....	38	Nov. 20, 1903...	Pipeman.....	1805 Gough street.....	Clerk.
Robert C. Lambdin...	31	June 11, 1908...	Pipeman.....	2205 Gough street.....	Sheet metal worker.
Joshua H. Miller, Jr.	25	Aug. 8, 1910...	Pipeman.....	510 S. Ellwood avenue...	Painter.
Joseph A. Barach.....	25	Feb. 7, 1911...	Pipeman.....	133 S. Curley street.....	Clerk.
Vincent T. Tacka.....	32	Mar. 15, 1906...	Pipeman.....	2042 Bank street.....	Laborer.
Albert L. McDermott..	24	Sept. 6, 1912...	Pipeman.....	115 N. Kenwood avenue...	Clerk.

No. 6 ENGINE COMPANY.—Located Corner Gay and Ensor Streets.
Organized April 1, 1859.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Joseph A. Dove.....	35	Oct. 1, 1902...	Captain.....	1217 E. Federal street....	Butcher.
Frederick H. Kaufman...	41	Sept. 7, 1895...	Lieutenant.....	2010 E. Madison street....	Carriagesmith.
Henry G. Neimann.....	46	May 31, 1903...	Engineeman.....	3004 O'Donnell street....	Stationary engineer.
Harry M. Efford.....	27	July 1, 1909...	Asst. Engineeman...	230 N. Luzerne avenue...	Marine engineer.
Charles L. Schulte.....	55	Nov. 10, 1892...	Hostler.....	1221 N. Eden street.....	Butcher.
Charles A. Edwards....	42	June 1, 1898...	Asst. Hostler.....	1913 E. Chase street....	Brakeman.
John J. Eslinger.....	39	March 24, 1903...	Pipeman.....	126 Behnd avenue.....	Barber.
John J. Connolly.....	33	Sept. 21, 1905...	Pipeman.....	204 E. North avenue....	Stonemason.
John Kaiser.....	38	May 20, 1909...	Pipeman.....	945 N. Washington street...	Tailor.
Thomas J. Campbell...	27	Sept. 25, 1909...	Pipeman.....	539 N. Washington street...	Pipefitter.
William Kroupa.....	24	April 10, 1912...	Pipeman.....	619 N. Rose street.....	Tinner.
William Schertler.....	30	April 16, 1910...	Pipeman.....	2243 Preston Place.....	Laborer.
John J. Welby.....	25	July 16, 1913...	Probationer.....	713 Colvin Place.....	Driver.

No. 7 ENGINE COMPANY.—Located corner Eutaw Street and Druid Hill Avenue.
Organized April 17, 1859.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Frank J. Lavender.....	42	July 9, 1895...	Captain.....	203 N. Poppleton street...	Laborer.
Robert H. Blatchley...	43	Feb. 14, 1893...	Lieutenant.....	2616 Greenmount avenue...	Painter.
William E. Koontz.....	43	July 16, 1901...	Engineeman.....	2415 Druid Hill avenue...	Machinist.
John F. Fitzgerald....	31	Oct. 24, 1911...	Asst. Engineeman...	2501 W. Baltimore street...	Machinist.
Harman Schminiger...	59	April 1, 1890...	Hostler.....	1932 W. Mosher street....	Hostler.
Charles J. Satterfield..	35	Jan. 15, 1905...	Asst. Hostler.....	1911 E. Preston street....	Hospital janitor.
Frank B. Gray.....	36	Dec. 2, 1903...	Pipeman.....	869 W. Lexington street...	Shoemaker.
Samuel H. Cottingham.	34	Feb. 16, 1906...	Pipeman.....	2593 Maryland avenue....	Soldier.
Edward J. McDonough..	32	Aug. 16, 1912...	Pipeman.....	2036 E. Fayette street....	Driver.
John Allen.....	25	Feb. 1, 1913...	Pipeman.....	613 Harvey street.....	Laborer.
Charles E. Sass.....	27	April 22, 1912...	Pipeman.....	105 E. Franklin street...	Machinist.
John J. Stapleton.....	26	Aug. 8, 1910...	Pipeman.....	1044 W. Lombard street....	Railroad fireman.
William L. Doyle.....	22	Nov. 26, 1913...	Probationer.....	1021 S. Kenwood avenue...	Clerk.

No. 8 ENGINE COMPANY.—Located on Lafayette Avenue, near Stricker Street.
Organized March 8, 1871.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
William J. Stewart....	62	March 26, 1875...	Captain.....	424 N. Arlington avenue.	Tinner.
James E. McDonnell....	37	June 15, 1902....	Lieutenant.....	1605 W. Lombard street...	Clerk.
Jacob S. Corns.....	61	March 1, 1895...	Engineman.....	437 E. North avenue.....	Machinist.
Joseph L. Chason.....	38	May 14, 1908....	Asst. Engineman..	911 Woodley street.....	Marine engineer.
Michael J. Kennedy....	32	Sept. 16, 1904...	Hostler	925 W. Franklin street...	Driver.
Harry V. Berry.....	40	Sept. 14, 1907...	Asst. Hostler	2123 Hollins street.....	Truck builder.
Oswald Pueschel.....	39	Nov. 16, 1907...	Pipeman	508 S. Smallwood street..	Baker.
George R. Chapman....	29	Feb. 16, 1909....	Pipeman	132 S. Gilmore street.....	Telegraph operator.
John J. Bosley.....	32	Nov. 18, 1909....	Pipeman	1716 W. Pratt street.....	Candymaker.
William G. Hudson....	34	April 6, 1912...	Pipeman	23 W. Oliver street.....	Oil-well worker.
Raymond H. Lyeth....	28	Sept. 25, 1909...	Pipeman	1121 N. Monroe street.....	Car builder.
Charles H. Weathers..	34	May 10, 1913...	Pipeman.....	2526 Francis street.....	Motorman.

No. 9 ENGINE COMPANY.—Located corner Madison and McDonogh Streets.
Organized March 1, 1872.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Zachariah H. Foote....	49	Feb. 26, 1892...	Captain.....	1530 N. Patterson Park ave.	Molder.
John P. Weinknecht....	37	Aug. 3, 1901....	Lieutenant.....	2306 E. Fayette street.....	Bricklayer.
Daniel R. Rogers.....	67	Feb. 1, 1872....	Engineman.....	1641 Ashland avenue.....	Machinist.
William H. Walmyer....	44	July 1, 1907....	Asst. Engineman..	2408 Ashland avenue.....	Engineer.
Frisby Lloyd.....	53	Dec. 11, 1896....	Hostler	727 N. Chester street.....	Canmaker.
William Humphreys....	35	Aug. 2, 1906....	Asst. Hostler	2024 E. Monument street...	Fireman.
John Amend.....	53	Oct. 17, 1892....	Pipeman	839 N. Luzerne street....	Boxmaker.
Richard V. Pittinger...	66	April 1, 1880....	Pipeman	533 N. Luzerne street....	Carpenter.
Emil Kadan.....	33	July 1, 1903....	Pipeman	444 N. Lakewood avenue...	Tailor.
Charles A. Barnes.....	27	Feb. 7, 1911....	Pipeman	409 N. Lakewood avenue...	Lumber marker.
William A. Wolf.....	28	May 1, 1910....	Pipeman	1710 E. Madison street....	Driver.
John C. Richards.....	42	April 7, 1906....	Pipeman	2310 E. Biddle street.....	Motorman.
John J. Praseh.....	27	Oct. 22, 1913...	Probationer.....	2216 E. Fayette street.....	Shipping clerk.

No. 10 ENGINE COMPANY.—Located on Columbia Avenue, near Poppleton Street.
Organized December 16, 1872.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation
George W. Smith.....	56	May 12, 1890...	Captain.....	903 Columbia avenue.....	Plumber and gasfitter.
John L. Smith.....	33	Aug. 5, 1903...	Lieutenant.....	108 Collins avenue.....	Notion packer.
George C. Lloyd.....	45	Feb. 19, 1893...	Engineer.....	1213 W. Cross street.....	Machinist.
Charles A. Fraser.....	47	March 28, 1898...	Asst. Engineer.....	1405 Hollins street.....	Machinist.
George Mombberger.....	38	Dec. 1, 1907...	Hostler.....	634 Dover street.....	Expressman.
John F. Paul.....	38	Sept. 20, 1903...	Asst. Hostler.....	404 N. Pulaski street.....	Motorman.
William W. Roach.....	37	Feb. 4, 1905...	Pipeman.....	1903 W. Lombard street...	Salesman.
William H. Risley.....	30	Feb. 1, 1907...	Pipeman.....	1931 Wilkens avenue.....	Mariner.
Peter J. Reed.....	26	Nov. 29, 1909...	Pipeman.....	1222 Carroll street.....	Molder.
Robert J. Edwards....	23	Nov. 15, 1912...	Pipeman.....	1039 Riverside avenue....	Mill hand.
James A. Jones.....	37	May 20, 1912...	Pipeman.....	912 Columbia avenue....	Motorman.
George A. Torney.....	22	April 22, 1912...	Pipeman.....	127 S. Parkin street.....	Shop hand.

No. 11 ENGINE COMPANY.—Located corner Patterson Park and Eastern Avenues.
Organized December 1, 1874.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation
Howard Travers.....	38	April 29, 1897...	Captain.....	115 N. Linwood avenue...	Weaver.
William S. Couzens....	52	Nov. 1, 1897...	Lieutenant.....	1640 N. Bond street.....	Collarmaker.
John Lindeman.....	66	April 7, 1899...	Engineer.....	2036 Bank street.....	Machinist.
John A. Siebig.....	43	July 1, 1903...	Asst. Engineer.....	107 N. Curley street....	Fireman.
Joshua H. Miller.....	56	Nov. 10, 1885...	Hostler.....	510 S. Ellwood avenue...	Cigarmaker.
John H. Liedlich.....	31	Aug. 5, 1903...	Asst. Hostler....	213 N. Linwood avenue...	Conductor.
Philip Peacock.....	54	March 1, 1895...	Pipeman.....	2813 Eastern avenue.....	Turner.
Andrew A. Albert.....	46	April 6, 1895...	Pipeman.....	2324 E. North avenue....	Hostler.
Edward F. Stanton....	38	Aug. 5, 1903...	Pipeman.....	108 N. Potomac street..	Ironmolder.
John T. McDonough....	32	Jan. 20, 1908...	Pipeman.....	2936 E. Fayette street...	Stove moulder.
Leonard L. Sachs.....	29	March 16, 1908...	Pipeman.....	2330 Orleans street.....	Ironmolder.
Walter H. Frederick..	31	Sept. 25, 1909...	Pipeman.....	1807 Gough street.....	Driver.
Frederick E. Senf.....	34	Sept. 16, 1913...	Probationer.....	108 S. Curley street.....	Metemaker.

No. 12 ENGINE COMPANY.—Located corner Fort and Riverside Avenues.
Organized January 1, 1875.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
William Kimball.....	42	March 1, 1895...	Captain.....	101 W. Gittings street....	Paperhanger.
Lewis Schleicher.....	38	Sept. 6, 1899...	Lieutenant.....	1522 Hanover street.....	Enameler.
Walter L. Carter.....	36	Jan. 1, 1908...	Engineman.....	23 E. Barney street.....	Engineer.
Gordon J. Cronin.....	28	Aug. 8, 1910...	Asst. Engineman..	1536 Riverside avenue....	Machinist.
George L. Krausz.....	45	Dec. 15, 1897...	Hostler.....	1434 Marshall street.....	Brushmaker.
Joseph M. Rimiller...	37	Sept. 17, 1910...	Asst. Hostler.....	1417 Patapasco street.....	Dairyman.
Robert T. Forsythe...	46	Feb. 24, 1899...	Pipeman.....	1429 William street.....	Tinner.
Charles H. Hamilton...	39	March 13, 1903...	Pipeman.....	1516 Byrd street.....	Motorman.
Thomas J. Irwin.....	31	Sept. 25, 1909...	Pipeman.....	409 Sanders street.....	Ship carpenter.
John P. Readon.....	36	Nov. 27, 1909...	Pipeman.....	1232 Hull street.....	Fireman.
James J. Joyce.....	28	Jan. 1, 1911...	Pipeman.....	1259 Battery avenue.....	Pressman.
Allen G. Denny.....	39	Sept. 9, 1911...	Pipeman.....	1476 Reynolds street.....	Laborer.

No. 13 ENGINE COMPANY.—Located corner Fremont and Myrtle Avenues.
Organized March 17, 1876.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
James Nolan.....	42	May 19, 1893...	Captain.....	221 N. Fremont avenue....	Collar maker.
John George.....	31	Nov. 1, 1900...	Lieutenant.....	242 N. Patterson Park ave.	Cooper.
Frank R. Nelran.....	48	June 6, 1890...	Engineman.....	1949 Mosher street.....	Machinist.
John Lesser.....	39	Nov. 23, 1900...	Asst. Engineman..	1744 E. Federal street.....	Ironworker.
William K. White.....	40	Sept. 5, 1905...	Hostler.....	1932 White street.....	Driver.
William Prof.....	35	April 19, 1906...	Asst. Hostler.....	13 Independent avenue....	Driver.
Clifton Hedley.....	41	April 8, 1897...	Pipeman.....	812 N. Fulton avenue....	Painter.
George A. Lenz.....	33	Aug. 5, 1903...	Pipeman.....	1214 Laurens street.....	Gasfitter.
Frederick W. Scheive.	31	Jan. 20, 1908...	Pipeman.....	1731 N. Chester street....	Cementor.
Henry F. McShane...	29	Jan. 20, 1908...	Pipeman.....	723 E. Chase street.....	Laborer.
Charles Kelly.....	36	Dec. 27, 1912...	Pipeman.....	632 Clinton avenue.....	Salvage corps.
Harry Menikneir...	27	Feb. 1, 1913...	Pipeman.....	121 Scott street.....	Tin cutter.
Ballard E. Ratcliffe...	25	Nov. 26, 1913...	Probationer.....	2503 Oak street.....	Car conductor.

No. 14 ENGINE COMPANY.—Located on Hollins Street, near Monroe Street.
Organized July 11, 1888.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Jacob F. Rupp.....	56	June 29, 1888....	Captain.....	2536 W. Baltimore street...	Plasterer.
John J. Schlag.....	46	Nov. 27, 1897....	Lieutenant.....	1146 Scott street.....	Ironmolder.
John Gaffney.....	58	April 1, 1880....	Engineer.....	1917 Hollins street.....	Machinist.
Charles A. Litchfield..	39	Dec. 15, 1897....	Asst. Engineman..	2019 Hollins street.....	Machinist.
Charles F. Hill.....	38	Aug. 15, 1909....	Hostler.....	1711 Cole street.....	Driver.
William E. Schultz....	36	Aug. 5, 1903....	Asst. Hostler....	339 S. Smallwood street...	Motorman.
Frank P. Kerr.....	36	Sept. 19, 1903....	Pipeman.....	2128 W. Baltimore street..	Butcher.
Howard A. Davis.....	29	July 1, 1907....	Pipeman.....	1249 Carroll street.....	Paperhanger.
M. Fred Winkler.....	33	July 1, 1911....	Pipeman.....	307 S. Smallwood street..	Cooper.
Frank G. Clark.....	36	April 10, 1912....	Pipeman.....	2215 W. Fayette street....	Fireman.
William J. Volkman....	26	Feb. 1, 1913....	Pipeman.....	2125 W. Fairmount avenue.	Painter.
Harvey H. Baker.....	32	Dec. 22, 1909....	Pipeman.....	2500 Druid Hill avenue....	Elevator dispatcher.

No. 15 ENGINE COMPANY.—Located on Lombard Street, between Howard and Eutaw Streets.
Organized April 1, 1890.

Name.	Age.	Date of Appointment	Position.	Residence.	Former Occupation.
William J. McDonald..	45	March 1, 1895..	Captain.....	916 N. Patterson Park ave.	Cannaker.
Henry Miller.....	40	Nov. 23, 1900..	Lieutenant.....	901 Columbia avenue.....	Driver.
Wade H. Jones.....	36	Nov. 23, 1900..	Lieutenant.....	1843 N. Regester street....	Driver.
William F. Awalt.....	52	April 1, 1890..	Engineman.....	312 N. Poppleton street...	Machinist.
John T. Dunn.....	26	Nov. 24, 1911..	Asst. Engineman..	2754 Harlem avenue.....	Electrician.
David L. Carter.....	34	April 16, 1908..	Asst. Engineman..	703 N. Payson street.....	Clerk.
John L. Schuncke.....	24	July 19, 1912..	Asst. Engineman..	2926 E. Fayette street.....	Machinist.
Charles H. Heinbuck..	44	June 7, 1901..	Hostler.....	855 W. Lexington street..	Driver.
James E. Murphy.....	29	Jan. 20, 1908..	Asst. Hostler.....	37 N. Bentalou street....	Watchman
Franklin W. Smith....	29	Aug. 5, 1906..	Asst. Hostler.....	335 S. Smallwood street..	Car inspector.
John C. Luckhardt....	41	Feb. 21, 1900..	Pipeman.....	522 S. Potomac street....	Cannaker.
Joseph P. Lyons.....	34	Mar. 20, 1908..	Pipeman.....	2010 Homewood avenue...	Clerk.
John B. Sanner.....	32	Nov. 18, 1909..	Pipeman.....	402 N. Ann street.....	Inspector.
Robert S. Downs.....	39	Dec. 8, 1904..	Pipeman.....	516 N. Fremont avenue...	Motorman.
Benjamin J. Yichter...	30	Feb. 7, 1911..	Pipeman.....	2025 E. Fairmount avenue.	Printer.
Frederick J. Loeffler..	29	Jan. 1, 1911..	Pipeman.....	1900 Montrose avenue.....	Conductor.
Charles A. Williams...	40	Sept. 22, 1912..	Pipeman.....	2017 Penrose avenue.....	Lineman.
William P. Fritz.....	32	Sept. 9, 1911..	Pipeman.....	2015 Frederick avenue.....	Printer.
Joseph E. McCormick..	24	Mar. 1, 1913..	Pipeman.....	1025 Homewood avenue....	Driver.
Emil Antos.....	29	Feb. 11, 1913..	Pipeman.....	426 N. Collington avenue.	Tailor.
Lewellyn W. Nelson...	31	May 16, 1913..	Pipeman.....	103 N. Fremont avenue...	Elevator operator.
George E. Croucher...	22	July 15, 1913..	Probationer.....	814 S. Robinson street...	Laborer.
John J. Szanski.....	31	Dec. 22, 1913..	Probationer.....	2238 Essex street.....	Ironmolder.

No. 16 ENGINE COMPANY (FIRE BOAT).—Located at Pier No. 7, foot of President Street.
Organized March 17, 1895.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Charles H. Wilson.	39	Feb. 1, 1907.	Lieutenant.	817 S. Linwood avenue.	Pilot.
Edward Greene.	33	Feb. 16, 1912.	Mate.	2416 Orleans street.	Pilot.
Young D. Griffis.	45	April 22, 1912.	Mate.	232 N. Luzerne street.	Pilot.
Charles Thompson.	47	Feb. 2, 1906.	Engineman.	938 N. Patterson Park ave.	Marine engineer.
Adam Hoerner.	40	Jan. 15, 1905.	Asst. Engineman.	859 W. Lexington street.	Candy-maker.
Nicholas Debinski.	35	Aug. 22, 1910.	Asst. Engineman.	529 S. Kenwood avenue.	Marine engineer.
Edward Kontz.	37	Jan. 1, 1912.	Asst. Engineman.	590 S. Luzerne street.	Marine engineer.
Andrew Gier.	30	May 21, 1910.	Stoker.	518 S. Belnord avenue.	Silversmith.
Joe Nelson.	40	April 22, 1912.	Sub. Act'g Stoker.	2543 Eastern avenue.	Stoker.
Thomas Trautfelder.	42	May 10, 1912.	Sub. Act'g Stoker.	714 S. Port street.	Mariner.
William Siebert.	51	Oct. 1, 1897.	Pipeman.	2408 Fajt avenue.	Stevodore.
Robert Moritz.	44	May 4, 1904.	Pipeman.	2813 Fajt avenue.	Mariner.
William Bohlman.	24	Aug. 6, 1913.	Probationer.	411 N. Montford avenue.	Wireworker.
Marshall O. Teato.	30	Oct. 1, 1913.	Probationer.	1830 E. Madison street.	Clerk.

No. 17 ENGINE COMPANY.—Located corner Fort Avenue and Hanbert Street.
Organized March 15, 1895.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
William H. Chester.	50	July 21, 1899.	Captain.	1512 Henry street.	Driver.
William F. Feeney.	36	July 15, 1901.	Lieutenant.	1517 Riverside avenue.	Boilermaker.
Charles T. Faylor.	39	June 1, 1898.	Engineman.	1512 Hanover street.	Machinist.
William J. McKew.	26	July 1, 1909.	Asst. Engineman.	1423 S. Charles street.	Machinist.
Casper Kraft.	53	Dec. 9, 1892.	Hostler.	417 Folsom street.	Driver.
Charles H. Wheatley.	54	Feb. 26, 1896.	Asst. Hostler.	1234 Battery avenue.	Boilermaker.
John Moeller.	46	Oct. 13, 1893.	Pipeman.	1330 E. Fort avenue.	Packer.
Frank A. Kraft.	43	July 7, 1894.	Pipeman.	1521 Light street.	Painter.
Joseph Neubert.	60	March 1, 1895.	Pipeman.	1364 Andre street.	Electrician.
Charles F. Fay.	56	Feb. 14, 1893.	Pipeman.	21 E. Ostend street.	Carpenter.
Frank L. Brendel.	28	Mar. 13, 1913.	Pipeman.	1235 Battery avenue.	Candy-maker.
Theodore V. Kirby.	37	April 16, 1913.	Pipeman.	533 Bentalou street.	Shirt-ironer.

No. 18 ENGINE COMPANY.—Located on Twenty-first Street, near Maryland Avenue.
Organized February 14, 1893.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
John H. Morgan.....	62	Nov. 29, 1872...	Captain.....	1907 Oak Hill avenue....	Paperhanger.
Frank A. Hansen.....	44	Dec. 12, 1892...	Lieutenant.....	2151 Huntingdon avenue...	Blacksmith.
Daniel H. Weber.....	54	Aug. 1, 1889...	Engineman.....	2109 Westwood avenue....	Machinist.
George E. Osbourne....	28	Sept. 11, 1910...	Asst. Engineman...	512 E. Twentieth street...	Engineer.
Walter F. Appleby....	28	Jan. 1, 1908...	Hostler.....	2008 Oakley street.....	Plumber.
Joseph N. Dillhofer....	27	Jan. 1, 1911...	Asst. Hostler....	17 E. Twenty-first street.	Conductor.
John A. Frebert.....	39	Feb. 1, 1906...	Pipeman.....	1810 E. Biddle street.....	Clerk.
R. V. Hornberger.....	35	Jan. 16, 1910...	Pipeman.....	1809 N. Bethel street.....	Steelworker.
Julius Neubert.....	42	Jan. 1, 1907...	Pipeman.....	1837 Harford avenue.....	Carpet layer.
Roy J. Sullivan.....	24	Mar. 13, 1913...	Pipeman.....	633 Gorsuch Avenue.....	Clerk.
Howard E. Yakel.....	26	June 16, 1913...	Pipeman.....	1314 Aisquith street.....	Laborer.
Bernard Sauer.....	24	April 22, 1913...	Pipeman.....	2613 E. Fayette street.....	Coremaker.

No. 19 ENGINE COMPANY.—Located corner East North Avenue and Bond Street.
Organized March 16, 1895.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Daniel V. O'Sullivan...	37	Nov. 19, 1903...	Captain.....	1208 Greenmount avenue....	Clerk.
James H. Wentz.....	37	Sept. 1, 1898...	Lieutenant.....	305 S. Poppleton street...	Stonecutter.
John J. Carr.....	45	July 30, 1903...	Engineman.....	403 S. Eden street.....	Marine engineer.
Joseph F. Daly.....	37	May 17, 1899...	Asst. Engineman.	1527 E. Madison street...	Stoker.
Edward J. Doud.....	37	Mar. 10, 1907...	Hostler.....	1107 Ashland avenue.....	Driver.
Louis Lohman.....	53	Mar. 1, 1895...	Asst. Hostler....	2042 E. Federal street.....	Varnisher.
Wm. McKay Morrow..	45	Mar. 14, 1895...	Pipeman.....	1723 Aiken street.....	Paper carrier.
Bartley Halloran.....	42	Dec. 1, 1900...	Pipeman.....	1318 Wilcox street.....	Scroll sawyer.
Stephen E. Freeze.....	27	Mar. 20, 1908...	Pipeman.....	2413 Ashland avenue.....	Driver.
George W. Schneider..	31	Dec. 14, 1906...	Pipeman.....	242 N. Patterson Park ave.	Clerk.
Simon Mueller.....	28	Jan. 20, 1908...	Pipeman.....	2417 E. Hoffman street...	Brass finisher.
Charles Bryan.....	29	July 19, 1912...	Pipeman.....	1423 E. Monument street..	Brakeman.
Robert E. Potts.....	31	Dec. 22, 1913...	Probationer.....	735 E. Twenty-third street.	Cork cutter.

No. 20 ENGINE COMPANY.—Located at North Avenue and Tenth Street.
Organized December 21, 1896.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
John W. Cook.....	52	May 7, 1893...	Captain.....	1020 N. Fulton avenue....	Baker.
William I. Johns.....	55	Aug. 3, 1888...	Lieutenant.....	1303 N. Central avenue....	Bricklayer.
John F. McCully.....	44	June 7, 1901...	Engineman.....	Belle avenue.....	Machinist.
George G. Miller.....	41	Jan. 1, 1907...	Asst. Engineman..	1733 Thomas avenue.....	Machinist.
Patrick H. Berthistle..	45	Feb. 14, 1893...	Hostler.....	1701 Slingluff avenue.....	Driver.
Harry A. Davis.....	29	July 1, 1909...	Asst. Hostler.....	416 Brice street.....	Bill poster.
Louis N. Streb.....	45	Aug. 5, 1903...	Pipeman.....	522 Brice street.....	Stonecutter.
Charles H. Bitzel.....	32	Feb. 2, 1908...	Pipeman.....	1706 Appleton street.....	Motorman.
Chas. G. Walterhofer..	33	Sept. 26, 1908...	Pipeman.....	1833 Eagle street.....	Glycerine operator.
Upshur N. Riggs.....	32	Nov. 11, 1910...	Pipeman.....	1410 Retreat street.....	Motorman.
Charles Hesse.....	46	Nov. 3, 1897...	Pipeman.....	1703 Bloomingdale road....	Shoemaker.
Lorenzo A. Dolle.....	27	March 6, 1908...	Pipeman.....	2308 W. Fayette street....	Boilermaker.
Edward A. Grimes.....	29	Sept. 21, 1913...	Probationer.....	1347 N. Gilmer street.....	Laborer.

No. 21 ENGINE COMPANY.—Located corner Roland Avenue and Union Avenue.
Organized December 15, 1897.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Edward A. Ward.....	40	March 1, 1895...	Captain.....	658 Columbia avenue.....	Driver.
William F. Morrow...	63	April 1, 1876...	Lieutenant.....	1119 Bolton street.....	Molder.
Jackson H. Hedrick...	48	Dec. 23, 1896...	Engineman.....	2149 Homewood avenue....	Machinist.
Frederick A. Robust...	34	Aug. 8, 1910...	Asst. Engineman..	3809 Roland avenue.....	Machinist.
Thomas R. Wann.....	45	March 9, 1897...	Hostler.....	250 Roland avenue.....	Driver.
John C. Yake.....	41	Jan. 1, 1908...	Asst. Hostler.....	594 Hickory avenue.....	Driver.
James L. Clarken.....	54	Aug. 1, 1888...	Pipeman.....	226 Hickory avenue.....	Driver.
Charles E. Jenkins.....	30	July 1, 1907...	Pipeman.....	310 W. Twenty-ninth st....	Motorman.
Charles J. Noon.....	35	Aug. 7, 1907...	Pipeman.....	820 Wellington street....	Potter.
Frank J. Blessing.....	40	Sept. 9, 1911...	Pipeman.....	3415 Falls road.....	Blacksmith.
Paul F. Laplanche...	22	Feb. 11, 1913...	Pipeman.....	1929 W. Franklin street....	Motorman.
Conrad R. Helweick..	24	March 13, 1913...	Pipeman.....	1935 Pratt street.....	Boilermaker.

No. 22 ENGINE COMPANY.—Located at Linwood Avenue and O'Donnell Street.
Organized July 15, 1901.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
George E. Croucher..	51	March 1, 1888...	Captain.....	1124 S. Potomac street....	Canmaker.
William F. Meagher..	32	Nov. 17, 1904...	Lieutenant.....	3131 Dillon street.....	Driver.
George G. Battersby..	42	Sept. 1, 1903...	Engineman.....	520 S. Kenwood avenue...	Marine engineer.
Andrew S. Webster...	27	Nov. 5, 1910...	Asst. Engineman.	126 S. Potomac street....	Oiler.
Martin Lutz.....	41	Dec. 1, 1900...	Hostler.....	328 S. Robinson street....	Driver.
Albert Wise.....	34	Feb. 1, 1906...	Asst. Hostler....	1020 S. Kenwood avenue...	Driver.
John F. Curry.....	46	July 15, 1894...	Pipeman.....	1005 S. Linwood avenue...	Stove molder.
Joseph B. Whitney...	45	July 1, 1903...	Pipeman.....	3111 Dillon street.....	Furniture packer.
Anthony Schoepflein..	58	June 24, 1891...	Pipeman.....	311 S. Regester street....	Cooper.
James C. Kimble.....	38	March 25, 1905...	Pipeman.....	2815 Eastern avenue.....	Potter.
John W. Fries.....	27	Nov. 10, 1910...	Pipeman.....	4 S. Ellwood avenue....	Bricklayer.
John F. Michel.....	41	Oct. 12, 1912...	Pipeman.....	3004 Hudson street.....	Tailor.

No. 23 ENGINE COMPANY.—Located corner Saratoga and Tyson Streets.
Organized December 1, 1903.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Edward Tauber.....	47	June 1, 1890...	Captain.....	904 Hollins street.....	Driver.
John N. Dittman.....	32	Sept. 18, 1903...	Lieutenant.....	1621 W. Baltimore street..	Pattermaker.
Robert R. Higgins....	38	May 12, 1899...	Engineman.....	138 N. Collington avenue.	Marine engineer.
August F. Myers.....	32	Nov. 1, 1906...	Asst. Engineman.	17 S. Potomac street....	Steamfitter.
Henry Spittel.....	40	Nov. 30, 1900...	Hostler.....	2221 Wilkens avenue.....	Driver.
Charles J. Miller.....	38	Feb. 7, 1905...	Asst. Hostler....	2052 E. Federal street....	Stonemason.
Charles L. Sauerwein..	32	July 21, 1904...	Pipeman.....	2416 W. Baltimore street..	Cigarmaker.
Louis J. Kisner.....	31	April 5, 1906...	Pipeman.....	601 Dukeland avenue.....	Driver.
John J. O'Dea.....	29	Feb. 21, 1908...	Pipeman.....	525 E. Madison street....	Railroad fireman.
Thomas E. Brangan....	39	Sept. 11, 1911...	Pipeman.....	416 W. Franklin street...	Laborer.
Carl H. Hoehn.....	27	Aug. 10, 1910...	Pipeman.....	25 S. Hare street.....	Silver chaser.
Thomas H. Linthicum..	27	Aug. 16, 1912...	Pipeman.....	1619 W. Lexington street..	Chauffeur.
Chas. W. Hoffmeister..	25	Sept. 16, 1913...	Probationer....	336 Ashton street.....	Railroad fireman.

No. 24 ENGINE COMPANY.—Located on North Patterson Park Avenue, near Fayette Street.
Organized July 28, 1904.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
George W. Shipley....	56	Nov. 30, 1889...	Captain.....	714 N. Lakewood avenue.	Gilder.
Frank Stieneman.....	35	April 2, 1902...	Lieutenant.....	205 S. Mount street....	Electrician.
William T. Hubbard....	55	Dec. 7, 1893...	Engineman.....	2735 E. Monument street..	Marine engineer.
Edw. R. McCulloh....	56	May 29, 1896...	Asst. Engineman..	22 S. Chester street.....	Machinist.
Charles E. Diver.....	38	July 6, 1905...	Hostler.....	251 S. Ellwood avenue....	Laborer.
Thomas A. Richardson..	38	Feb. 1, 1906...	Asst. Hostler....	702 N. Glover street.....	Railroad fireman.
Constant Siebert.....	62	April 5, 1883...	Pipeman.....	400 N. Rose street.....	Driver.
Charles H. Lambdin....	35	Mar. 16, 1906...	Pipeman.....	204 N. Luzerne street....	Steamfitter.
Joseph J. Amrhein....	41	Jan. 1, 1907...	Pipeman.....	2812 Orleans street.....	Cooper.
Leonard J. Smelter....	35	Nov. 16, 1907...	Pipeman.....	431 N. Kenwood avenue...	Shearman.
Charles V. Murray....	27	April 16, 1910...	Pipeman.....	543 N. Lakewood avenue...	Nurse.
James L. Baroch.....	41	June 4, 1906...	Pipeman.....	404 N. Streeper street....	Tailor.

No. 25 ENGINE COMPANY.—Located corner McCulloh and Gold Streets.
Organized January 11, 1904.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
William R. Bolgiano....	53	Dec. 9, 1897...	Captain.....	2111 Madison avenue.....	Clerk.
William Lamb.....	51	Aug. 7, 1894...	Lieutenant.....	2500 Druid Hill avenue....	Car driver.
Joshua E. Biggs.....	33	Feb. 1, 1905...	Engineman.....	1224 N. Gilmore street....	Engineer.
Homer T. Blanch.....	26	May 1, 1912...	Asst. Engineman..	1931 Hollins street.....	Engineer.
Charles H. Strahler....	28	May 25, 1909...	Hostler.....	2436 Ashland avenue.....	Driver.
John A. Lang, Jr.....	28	Jan. 1, 1909...	Asst. Hostler....	1236 Scott street.....	Boilermakers' helper.
Charles B. Smith.....	36	March 20, 1906...	Pipeman.....	2102 Walbrook avenue....	Bricklayer.
Robert E. Potts.....	26	April 22, 1912...	Pipeman.....	225 N. Carrollton avenue.	Conductor.
Charles A. Fisher.....	40	May 20, 1912...	Pipeman.....	2415 E. Chase street.....	Driver.
William J. Riggs.....	38	Feb. 1, 1913...	Pipeman.....	2303 Druid Hill avenue....	Motorman.
John P. Matthews.....	30	April 16, 1913...	Pipeman.....	1974 Patterson Place.....	Lineman.
John S. Zamenski.....	25	April 22, 1913...	Pipeman.....	1744 Eastern avenue.....	Tailor.

No. 26 ENGINE COMPANY.—Located corner Leadenhall and West Streets.
Organized January 19, 1906.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Charles E. Donahue...	35	Nov. 23, 1900...	Captain.....	119 W. Clement street....	Clerk.
John B. Hart.....	30	Jan. 15, 1905...	Lieutenant.....	2232 W. Fayette street....	Printer.
Laurence T. Rudolph.	41	March 1, 1895...	Engineman.....	1214 S. Charles street....	Marine engineer.
Nathan T. Poiner....	40	March 24, 1906...	Asst. Engineman..	1423 Jackson street....	Steamfitter.
William E. Crispens*..	26	Oct. 19, 1910...	Hostler.....	1425 Battery avenue.....	Laborer.
Charles G. Engleman.	27	Aug. 12, 1911...	Asst. Hostler....	231 N. Fulton avenue....	Driver.
William H. Creighton..	33	Jan. 15, 1905...	Pipeman.....	1508 Jackson street....	Painter.
John J. Rossiter.....	35	April 5, 1906...	Pipeman.....	7 W. Randall street....	Clerk.
Henry Hecker.....	30	Jan. 20, 1908...	Pipeman.....	1018 Sharp street.....	Driver.
Luther H. Rowe.....	29	April 26, 1912...	Pipeman.....	39 E. Barney street.....	Motorman.
John S. Hale.....	40	May 20, 1912...	Pipeman.....	1509 Light street.....	Driver.
William T. Harrison..	30	June 1, 1913...	Pipeman.....	2414 W. Baltimore street..	Solicitor.

*Reinstated.

No. 27 ENGINE COMPANY.—Located on Columbia Avenue, between Greene and Paca Streets.
Organized June 14, 1906.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Edgar B. McKnew....	37	May 19, 1899...	Captain.....	913 Columbia avenue.....	Horseshoer.
Augustus I. Walker..	48	Oct. 8, 1898...	Lieutenant.....	813 N. Gilmor street....	Plumber.
Charles W. Figg.....	47	Aug. 10, 1901...	Engineman.....	643 Harvey street.....	Engineer.
Gerhard W. Nugent...	29	July 1, 1909...	Asst. Engineman..	421 S. Poppleton street..	Machinist.
C. Fred'k Steinwedel..	30	Jan. 1, 1907...	Hostler.....	522 Brunswick street....	Motorman.
Joseph A. Krampe....	34	Jan. 1, 1911...	Asst. Hostler....	1006 Warner street.....	Riveter.
John E. Medlar.....	43	March 3, 1904...	Pipeman.....	1100 W. Cross street....	Railroad conductor.
David M. Hanixman...	40	June 23, 1911...	Pipeman.....	411 Scott street.....	Stovefitter.
Albert V. Cramblitt...	28	Dec. 11, 1911...	Pipeman.....	853 Columbia avenue....	Machine hand.
Harry H. Assmann....	24	March 28, 1913...	Pipeman.....	1121 S. Sharp street....	Driver.
Walter Jarzynski.....	28	April 16, 1913...	Pipeman.....	622 S. Bethel street.....	Driver.
John F. Steadman....	22	Oct. 1, 1913...	Pipeman.....	704 Murra street.....	Clerk.

No. 28 ENGINE COMPANY.—Located corner Mt. Royal and Guilford Avenues.
Organized February 1, 1906.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Louis Buhler.....	40	Jan. 7, 1897...	Captain.....	1620 N. Washington street.	Blacksmith.
Giles J. O'Brien.....	38	Aug. 1, 1902...	Lieutenant.....	1214 E. Preston street....	Molder.
George Dippel.....	37	Jan. 1, 1907...	Engineer.....	31 S. Curley street.....	Engineer.
Edward Krager.....	44	Mar. 1, 1899...	Asst. Engineman..	2811 Falt avenue.....	Driver.
Oliver K. Drury.....	46	May 19, 1901...	Hostler.....	2045 E. Hoffman street....	Paperhanger.
John F. Raymond.....	39	Jan. 2, 1900...	Asst. Hostler....	1715 Guilford avenue....	Hostler.
William F. Liedlich...	31	Jan. 15, 1905...	Pipeman.....	1805 N. Bethel street....	Baker.
Harvey Fleming.....	39	Aug. 24, 1905...	Pipeman.....	1820 E. Eager street....	Laborer.
Michael J. Kram.....	52	Dec. 28, 1898...	Pipeman.....	1420 E. Preston street....	Cooper.
Wilbur M. Wolf.....	25	April 19, 1912...	Pipeman.....	1804 Hope street.....	Laborer.
Frank Sudbrink, Jr....	25	Feb. 1, 1913...	Pipeman.....	1712 N. Castle street.....	Janitor.
Frank J. Klein.....	26	June 21, 1913...	Pipeman.....	924 N. Central avenue....	Marine fireman.

No. 29 ENGINE COMPANY.—Located on Park Heights Avenue, near Allen Avenue.
Organized August 1, 1907.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Milton R. Quigley.....	48	Nov. 21, 1897...	Captain.....	4597 Park Heights avenue.	Plumber.
George E. McNeil....	41	July 28, 1897...	Lieutenant.....	9 Kate avenue.....	Stoker.
William P. Patterson..	37	May 16, 1902...	Engineer.....	12 Allen avenue.....	Engineer.
William C. Merdith...	33	Jan. 1, 1911...	Asst. Engineman..	1024 Braddish avenue....	Stoker.
John G. Geiger.....	41	Oct. 1, 1903...	Hostler.....	1728 Friendsbury street...	Driver.
George A. Lohman.....	26	Aug. 8, 1910...	Asst. Hostler....	7 N. Hare street.....	Barber.
James A. DePuey.....	51	Oct. 1, 1897...	Pipeman.....	1627 Edmondson avenue...	Paperhanger.
Chester A. Bailey.....	25	Feb. 7, 1911...	Pipeman.....	4510 Pimlico road.....	Salesman.
Fred'k H. Viehneyer...	53	July 15, 1893...	Pipeman.....	1204 Myrtle avenue.....	Driver.
Matthew Carroll.....	55	April 9, 1896...	Pipeman.....	3 Allen avenue.....	Laborer.
Zachariah T. Sebreze..	65	April 1, 1890...	Pipeman.....	129 N. Ann street.....	Driver.
James F. Vomastek...	26	Feb. 7, 1911...	Pipeman.....	711 Collington avenue....	Tailor.

No. 30 ENGINE COMPANY.—Located on Frederick Avenue, near Caton Avenue.
Organized July 6, 1907.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Andrew J. Bilson.....	62	July 2, 1896...	Captain.....	629 N. Carey street.....	Plasterer.
Harry C. Showacre....	44	June 15, 1902...	Lieutenant.....	1938 Hollins street.....	Carpenter.
William H. Hardy.....	49	March 1, 1895...	Engineman.....	1903 W. Saratoga street...	Machinist.
Bernard Armstrong....	36	Jan. 4, 1909...	Asst. Engineman..	1108 William street.....	Stationary engineer.
George H. Mills.....	39	Oct. 19, 1898...	Hostler.....	2 Loudon avenue.....	Driver.
Ralph P. Johnston....	38	Oct. 9, 1908...	Asst. Hostler.....	405 N. Stricker street....	Horse collar maker.
George E. McParland..	30	Dec. 22, 1906...	Pipeman.....	2558 Frederick avenue....	Laborer.
Guy S. Ellis.....	51	July 1, 1898...	Pipeman.....	345 S. Stricker street....	Wagon finisher.
William J. Riggs.....	35	Jan. 15, 1905...	Pipeman.....	2108 Ramsay street.....	Frame cutter.
Antone Yienger.....	49	July 23, 1889...	Pipeman.....	1 Brunswick street.....	Candy maker.
Frank E. Kaiserski....	29	Jan. 27, 1912...	Pipeman.....	Cor. Jane and Potter aves.	Woodworker.
Richard M. Keen.....	31	June 1, 1910...	Pipeman.....	112 N. Payson street.....	Shoecutter.

No. 31 ENGINE COMPANY.—Located on Greenmount Avenue, near Gorsuch Avenue.
Organized January 1, 1907.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
James A. Clark.....	48	Aug. 25, 1891...	Captain.....	444 Lorraine avenue.....	Driver.
Henry F. Boerner.....	53	March 1, 1895...	Lieutenant.....	723 E. Twenty-second st..	Tinsmith.
John W. Eckhardt....	45	Aug. 5, 1890...	Engineman.....	922 Gorsuch avenue.....	Machinist.
John P. Foote.....	28	Jan. 1, 1908...	Asst. Engineman..	2235 E. North avenue....	Engineer.
Andrew Kaufman.....	36	April 12, 1906...	Hostler.....	1451 Homestead street....	Boxmaker.
Richard B. Fanning....	41	Aug. 1, 1909...	Asst. Hostler.....	2123 Fairmount avenue....	Driver.
Frank P. McCarty....	45	July 21, 1905...	Pipeman.....	2331 Greenmount avenue...	Carpenter.
Eugene Daly.....	39	April 7, 1906...	Pipeman.....	1808 N. Washington street.	Brass finisher.
A. J. McIntyre, Jr....	26	Dec. 22, 1909...	Pipeman.....	1049 Aisquith street.....	Driver.
John F. Trager.....	23	Dec. 21, 1911...	Pipeman.....	1764 Gorsuch avenue.....	Shin fitter.
Robert T. Steide.....	26	Aug. 3, 1912...	Pipeman.....	1639 Carswell street.....	Silver chaser.
Elmer C. Baker.....	30	Nov. 11, 1910...	Pipeman.....	1833 Aiken street.....	Driver.

No. 32 ENGINE COMPANY.—Located on South Gay Street, between Baltimore and Water Streets.
Organized July 1, 1907.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Robert J. Thompson...	34	Oct. 2, 1902...	Captain.....	110 S. Ann street.....	Electrician.
Joseph F. Danaher...	34	Dec. 8, 1904...	Lieutenant.....	32 S. Potomac street....	Laborer.
John Stanton.....	49	March 1, 1895...	Engineman.....	5 N. Luzerne street....	Machinist.
Joseph Hecht.....	37	Aug. 8, 1910...	Asst. Engineman...	642 S. Lakewood avenue..	Engineer.
Milton Montgomery...	35	Nov. 23, 1900...	Hostler.....	121 N. Paca street.....	Electrician.
Frederick W. Joekel...	33	March 1, 1907...	Asst. Hostler....	116 S. Washington street.	Driver.
Geo. A. Sommerman...	29	April 16, 1908...	Pipeman.....	2112 E. Hoffman street...	Ironmolder.
Harry E. Manns.....	26	Jan. 1, 1911...	Pipeman.....	633 N. Patterson Park ave.	Marine fireman.
James M. Ward.....	24	Jan. 27, 1912...	Pipeman.....	321 S. Chester street....	Cutler.
Samuel C. Smith.....	25	Jan. 13, 1911...	Pipeman.....	1317 E. North avenue....	Motorman.
Edward J. Cavanaugh...	23	May 25, 1911...	Pipeman.....	1818 Wilkens avenue.....	Laborer.
Charles C. Woods....	30	Feb. 25, 1911...	Pipeman.....	2313 Barclay street.....	Laborer.

No. 33 ENGINE COMPANY.—Located corner Harford Avenue and Oliver Street.
Organized January 1, 1908.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
John F. Maguire.....	45	Feb. 7, 1893...	Captain.....	1813 E. North avenue....	Shipping clerk.
Clarence A. Kirby....	53	Dec. 12, 1896...	Lieutenant.....	2319 E. Federal street....	Carpenter.
John Lohnes.....	39	Jan. 1, 1903...	Engineman.....	2318 E. Preston street....	Marine engineer.
Harry T. Cole.....	44	July 1, 1907...	Asst. Engineman...	1811 Barclay street.....	Railroad engineer.
Charles H. Jones.....	31	Jan. 1, 1908...	Hostler.....	1705 Lamont avenue.....	Driver.
Howard R. Pyle.....	41	Jan. 1, 1908...	Asst. Hostler....	2303 Druid Hill avenue....	Fire patrolman.
Henry C. Miller.....	36	March 10, 1904...	Pipeman.....	1743 N. Milton avenue....	Butcher.
George N. Walker....	44	March 1, 1899...	Pipeman.....	390 E. Thirty-first street.	Plumber.
Harry Daly.....	25	Sept. 11, 1910...	Pipeman.....	1527 E. Madison street....	Blacksmith.
Andrew J. Stuchler...	33	March 26, 1911...	Pipeman.....	123 N. Glover street.....	Tea packer.
Thomas J. Radigan...	25	Nov. 19, 1910...	Pipeman.....	1008 E. Eager street.....	Laborer.
Charles H. Jenkins....	24	Jan. 27, 1912...	Pipeman.....	1025 E. Biddle street.....	Fireman.

No. 34 ENGINE COMPANY.—Located on Caroline Street, near Gough Street.
Organized July 1, 1909.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Wm. C. D. Knight....	45	July 10, 1894....	Captain	120 N. Kenwood avenue...	Driver.
George L. Schlimm....	53	April 1, 1888....	Lieutenant.....	231 S. Bond street.....	Boxmaker.
John P. Cosgrove....	39	Feb. 1, 1906....	Engineman.....	2639 Eastern avenue.....	Machinist's helper.
Godfried Beste.....	36	March 29, 1912....	Asst. Engineman.	239 N. Lakewood avenue.	Stationary engineer.
John W. Wentz.....	28	April 16, 1908....	Hostler	2047 Gough street.....	Boilermaker.
Herman W. Hoelin....	29	July 1, 1907....	Asst. Hostler....	23 Belair avenue	Tinner.
Charles E. Hand.....	29	Aug. 1, 1909....	Pipeman	1903 Bank street.....	Driver.
Thomas Teichman, Jr..	32	July 1, 1909....	Pipeman	636 N. Grove street.....	Molder.
Peter T. O'Dea.....	27	July 9, 1909....	Pipeman	503 N. Exeter street.....	Laborer.
Christian H. Mattes...	31	July 1, 1911....	Pipeman	527 S. Lakewood avenue..	Laborer.
John C. Silver.....	31	Feb. 7, 1911....	Pipeman	727 N. Spring street.....	Driver.
William F. Seibert....	25	May 4, 1913....	Pipeman	21 N. Rose street.....	Trunk-maker.

No. 36 ENGINE COMPANY.—Located corner Edmondson Avenue and Bentalou Street.
Organized July 1, 1909.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Henry Stagge.....	48	July 1, 1891...	Captain	3328 Edmondson avenue....	Ironmolder.
Robert E. O'Keefe....	44	June 15, 1902...	Lieutenant.....	611 Ashburton street.....	Motorman.
Thomas R. G. Milke....	34	July 24, 1907...	Engineman.....	2647 Frederick avenue.....	Stationary engineer.
Walter M. Conway....	32	May 21, 1909...	Asst. Engineman.	1319 Hollins street.....	Electrician.
Louis J. Fresh.....	71	Dec. 16, 1872...	Hostler	1952 W. Mulberry street..	Hostler.
August Ott.....	37	April 1, 1907...	Asst. Hostler....	2722 Edmondson avenue....	Driver.
Chris. J. Breivogel....	39	Jan. 1, 1909...	Pipeman	1030 Brantley street.....	Butcher.
James M. Wilhelm....	38	Sept. 11, 1910...	Pipeman	826 S. Paca street.....	Huckster.
John M. Kaiser.....	27	Jan. 26, 1912...	Pipeman	2221 Essex street.....	Butcher.
Walter R. Welden....	27	April 26, 1912...	Pipeman	1809 Edmondson avenue....	Plumber.
John P. McShane.....	33	July 19, 1912...	Pipeman	723 E. Chase street.....	Patternmaker.
John G. Grimes.....	35	Feb. 16, 1909...	Pipeman	1431 W. Lafayette avenue..	Butcher.

No. 37 ENGINE COMPANY.—Located corner Ridgely and West Streets.
Organized July 1, 1909.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Harry W. Rice.....	40	Jan. 10, 1899...	Captain	2029 Wilkens avenue.....	Clerk.
Harry C. Fitzgerald..	43	Mar. 25, 1904...	Engineman.....	1435 Riverside, avenue.....	Marine engineer.
Walter H. Solloway..	28	Jan. 20, 1908...	Asst. Engineman.	16 W. Henrietta street...	Machinist.
Frederick W. Wolff....	28	Jan. 1, 1908...	Hostler	16 N. Bentalou street....	Laborer.
Louis Albert.....	25	Jan. 1, 1911...	Asst. Hostler....	2324 E. North avenue.....	Unholsterer.
Harry Jones.....	39	Aug. 1, 1909...	Pipeman	2504 W. Baltimore street..	Dock builder.
Clarence A. Blaney....	31	Jan. 1, 1909...	Pipeman	733 S. Hanover street.....	Instructor.
William Warner.....	45	Oct. 1, 1902...	Pipeman	1824 S. Hanover street.....	Laborer.
Arthur F. Gunttrum...	24	Feb. 1, 1913...	Pipeman	629 Wyeth street.....	Packer.
Charles J. Keller.....	23	Feb. 1, 1913...	Pipeman	1341 James street.....	Brassmolder.
John C. Lamparski....	29	Sept. 21, 1913...	Pipeman	602 S. Montford avenue..	Saw-filer.

No. 38 ENGINE COMPANY.—Located on Baltimore Street near Fremont Avenue.
Organized August 10, 1912.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
John B. Bortell.....	48	Sept. 7, 1888....	Captain.....	834 N. Patterson Park ave.	Ship rigger.
George D. Otter.....	35	Oct. 1, 1902....	Lieutenant.....	435 E. Fort avenue.....	Driver.
Jacob Crispens.....	39	March 11, 1903....	Engineer.....	12 Gorman avenue.....	Blacksmith.
Harman F. Bode.....	29	July 1, 1909....	Asst. Engineman.	750 McHenry street.....	Machinist.
John T. Hurley.....	30	Aug. 1, 1909....	Hostler.....	212 S. Calhoun street....	Ironmolder.
Thomas A. Hobbs....	28	Nov. 16, 1907....	Asst. Hostler....	111 S. Poppleton street....	Woodworker.
Albert A. Torney.....	49	May 11, 1897....	Pipeman.....	127 Parkin street.....	Butcher.
James H. Foley.....	29	March 15, 1906....	Pipeman.....	1829 Edmondson avenue....	Ironmolder.
Walter Filling.....	38	Oct. 6, 1896....	Pipeman.....	600 S. Smallwood street....	Watchman.
Sheldon Chapman....	32	Jan. 27, 1912....	Pipeman.....	317 N. Gilmore street....	Boilermaker's helper.
Charles W. Zenker....	26	April 22, 1912....	Pipeman.....	9 Kossuth street.....	Shipping clerk.
W. H. Kuehn.....	26	March 16, 1913....	Pipeman.....	1805 Ramsay street.....	Blacksmith.

No. 39 ENGINE COMPANY (FIRE BOAT).—Located Pier 7, foot of President Street.
Organized November 5, 1910.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
James N. Robb.....	37	May 26, 1898....	Captain.....	2635 N. Calvert street.....	Pilot.
John A. Roberts.....	28	Jan. 25, 1912....	Lieutenant.....	139 S. Ellwood avenue....	Pilot.
Edward F. Kerr.....	32	Feb. 8, 1912....	Mate.....	2704 Orleans street.....	Pilot.
Laurence Brown.....	42	May 1, 1907....	Engineman.....	525 S. Lakewood avenue...	Marine engineer.
James W. Paul.....	37	July 1, 1909....	Asst. Engineman.	522 S. Montford avenue...	Marine engineer.
Henry Ulrich.....	37	Nov. 30, 1907...	Asst. Engineman.	504 S. Lakewood avenue..	Marine engineer.
Edgar Chaplan.....	30	Sept. 17, 1910...	Asst. Engineman.	521 N. Arlington avenue..	Marine engineer.
William Geisel.....	26	Oct. 29, 1912....	Stoker.....	1628 E. Chase street.....	Stoker.
William Dell.....	37	March 16, 1911...	Sub. Act'g Stoker.	1825 Gough street.....	Stoker.
James Donahue.....	35	April 22, 1912....	Sub. Act'g Stoker.	701 S. Dallas street.....	Stoker.
Raymond Efford.....	24	Nov. 25, 1913....	Sub. Act'g Stoker.	3038 E. Monument street..	Marine engineer.
George Carroll.....	37	Sept. 11, 1910...	Pipeman.....	506 S. Streep street.....	Tanner.
Charles Winkler.....	41	Jan. 20, 1908....	Pipeman.....	2110 Fairmount avenue....	Lineman.
William Erbert.....	37	Aug. 12, 1911...	Pipeman.....	414 S. Patterson Park ave.	Rigger.
George Burnett.....	37	July 9, 1909....	Pipeman.....	2037 E. Lombard street....	Stoker.
Frank Siegrist.....	27	April 22, 1912....	Pipeman.....	1826 Bank street.....	Upholsterer.
Charles Davis.....	26	April 22, 1912....	Pipeman.....	2133 Woodbrook avenue....	Oiler.
Fred Strohl.....	32	July 9, 1909....	Pipeman.....	503 N. Castle street.....	Butcher.
Boniface J. Metzger...	24	Aug. 11, 1912....	Pipeman.....	1909 Bank street.....	Boxmaker.
Frank Keidel.....	23	Oct. 22, 1913....	Probationer	432 S. Eden street.....	Barber.

No. 40 ENGINE COMPANY.—Located on corner Garrison and Liberty Heights Avenues.
Organized February 7, 1911.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Charles Stroheker.....	34	Nov. 19, 1903...	Lieutenant	2482 Wilkens avenue.....	Hair spinner.
Edward T. Baney.....	35	Jan. 1, 1911...	Pipeman	2840 Harlem avenue.....	Laborer.
James R. Ford.....	23	Aug. 8, 1910...	Pipeman	2807 Harlem avenue.....	Tinworker.
Walter B. Pitt.....	32	June 11, 1911...	Pipeman	612 Glenolden avenue.....	Machine operator.
Otto Bosies.....	26	Aug. 11, 1911...	Pipeman	121 S. Calverton road....	Hairworker.
Carl E. Bladin.....	29	Dec. 11, 1911...	Pipeman	1322 N. Milton avenue.....	Machinist.
Charles J. Cam.....	28	Feb. 21, 1908...	Pipeman	2830 Harlem avenue.....	Ironmolder.
George M. Herold....	34	July 19, 1912...	Pipeman	123 N. Patterson Park ave.	Shadechanger.
James Radford.....	48	March 9, 1897...	Pipeman	1712 E. Lanvale street....	Hostler.
George A. Ford.....	55	May 6, 1896...	Pipeman	1302 N. Gilmor street....	Clerk.
Thomas P. Kennedy...	42	March 20, 1908...	Pipeman	1310 Aisquith street.....	Clerk.

No. 1 HOOK AND LADDER COMPANY.—Located on Gay Street, near Baltimore Street.
Organized February 15, 1859.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
James V. McCarron...	43	March 1, 1895...	Captain.....	2535 E. Monument street..	Potter.
Asa Griffith.....	35	Nov. 17, 1904...	Lieutenant.....	2920 E. Pratt street.....	Conductor.
Harry A. Donahoe...	44	May 29, 1896...	Tillerman.....	136 N. Curley street.....	Shirt cutter.
Joseph E. Haskell....	33	July 1, 1903...	Asst. Tillerman...	1831 N. Bond street.....	Wood carver.
John Strohminger...	42	June 2, 1900...	Hostler.....	232 Port street.....	Driver.
August C. Hartman...	35	March 16, 1908...	Asst. Hostler....	29 Mine Bank lane.....	Railroad fireman.
Joseph A. Gallion....	28	June 1, 1907...	Ladderman.....	650 W. Lee street.....	Clerk.
Albert J. Russell.....	39	Dec. 22, 1900...	Ladderman.....	1533 S. Charles street.....	Railroad brakeman
John Schmidt.....	30	Jan. 1, 1909...	Ladderman.....	104 N. Curley street.....	Driver.
Edward H. Wat.....	26	July 19, 1912...	Ladderman.....	1032 N. Collington avenue.	Clerk.
Albert T. Cooper.....	26	April 16, 1910...	Ladderman.....	1107 E. Hoffman street...	Carpenter.
John T. Barry.....	28	Aug. 9, 1911...	Ladderman.....	439 N. Lakewood avenue.	Laborer.
Richard J. Dundon....	24	Aug. 6, 1913...	Probationer.....	1709 W. Lombard street...	Machinist helper.

No. 2 HOOK AND LADDER COMPANY.—Located on Paca Street, near Fayette Street.
Organized April 1, 1859.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation
J. Walter Bradley....	34	Jan. 3, 1903...	Captain.....	17 S. Calhoun street.....	Clerk.
Charles L. Steinwedel.	45	March 9, 1897...	Lieutenant.....	336 Ashton street.....	Laborer.
William C. Talbott....	33	Feb. 1, 1907...	Tillerman.....	1754 W. Fayette street....	Motorman.
William H. Close.....	29	Feb. 1, 1906...	Asst. Tillerman...	37 Gorman avenue.....	Clerk.
Oscar W. Deaver.....	32	Jan. 1, 1908...	Hostler.....	1402 Harford avenue.....	Driver.
Howard O. Ely.....	35	Nov. 5, 1910...	Asst. Hostler....	405 Duncan street.....	Driver.
Henry J. Carle.....	43	March 1, 1895...	Ladderman.....	422 N. Poppleton street...	Electrotyper.
Frank H. Bauer.....	29	Sept. 6, 1912...	Ladderman.....	224 S. Collington avenue.	Printer.
James A. Cwach.....	26	April 22, 1912...	Ladderman.....	821 Washington street...	Plumber.
John E. Mack.....	29	July 12, 1905...	Ladderman.....	1336 Fort avenue.....	Railroad fireman.
Murray L. Byrne.....	31	June 1, 1913...	Ladderman.....	2931 W. Baltimore street..	Shirt cutter.
Louis J. Appel.....	26	Jan. 27, 1912...	Ladderman.....	223 S. Collington avenue.	Cabinetmaker.
Arthur J. Elgert.....	22	Aug. 11, 1913...	Probationer.....	1916 Eastern avenue.....	Driver.

No. 3 HOOK AND LADDER COMPANY.—Located on Ann Street, near Gough Street.
Organized January 1, 1871.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
John J. Clancy.....	46	Oct. 2, 1897...	Captain.....	2948 Harford road.....	Cannmaker.
Peter Nelson.....	55	Jan. 1, 1890...	Lieutenant.....	1719 N. Wolfe street.....	Seaman.
James F. Reilly.....	61	Nov. 13, 1874...	Tillerman.....	1633 E. Lombard street....	Painter.
Harry Reed.....	35	Nov. 16, 1907...	Asst. Tillerman...	1602 McElderry street....	Laborer.
William Hastler.....	50	April 1, 1893...	Hostler.....	1929 Fleet street.....	Hostler.
Charles Sommers.....	46	April 2, 1902...	Asst. Hostler....	402 S. Wolfe street.....	Railroader.
Peter J. McMahon....	40	Dec. 1, 1900...	Ladderman.....	2105 E. Lombard street...	Laborer.
Adam J. Mechlinski..	29	June 19, 1907...	Ladderman.....	2500 Foster avenue.....	Ironworker.
John W. Wittig.....	42	April 27, 1898...	Ladderman.....	1746 Bank street.....	Laborer.
James C. McNamara..	27	Aug. 8, 1910...	Ladderman.....	303 S. Collington avenue..	Hostler.
Thomas J. Kenny.....	37	Aug. 3, 1912...	Ladderman.....	621 S. Decker avenue....	Steward.
Charles Zuschlag.....	34	Dec. 26, 1912...	Ladderman.....	2233 Lamley street.....	Driver.

No. 4 HOOK AND LADDER COMPANY.—Located on McCulloh Street, near Preston Street.
Organized December 15, 1880.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Louis Herman.....	43	Oct. 1, 1897...	Captain.....	1622 N. Washington street.	Machine hand.
Henry Binau.....	32	Jan. 15, 1905...	Lieutenant.....	2050 E. Federal street....	Clothing cutter.
F. W. Stortz.....	41	Oct. 1, 1902...	Tillerman.....	537 N. Kenwood avenue...	Painter.
J. E. Watts.....	35	Nov. 19, 1903...	Asst. Tillerman...	2242 W. Fayette street....	Bricklayer.
A. J. Connelly.....	58	April 1, 1882...	Hostler.....	903 N. Payson street....	Driver.
G. W. Michael.....	32	Aug. 6, 1903...	Asst. Hostler....	2919 Belmont avenue.....	Driver.
C. E. Wood.....	34	Jan. 1, 1911...	Ladderman.....	632 Columbia avenue....	Motorman.
J. H. Marshall.....	34	Feb. 4, 1905...	Ladderman.....	517 N. Washington street.	Brass finisher.
Ferdinand Euler.....	27	Aug. 11, 1911...	Ladderman.....	2025 E. Oliver street.....	Collector.
T. A. Heagerty.....	35	July 1, 1907...	Ladderman.....	104 N. Fulton avenue....	Seaman.
J. J. Roberts.....	27	Mar. 19, 1910...	Ladderman.....	239 N. Gilmore street....	Machine helper.
J. L. Wies, Jr.....	22	June 1, 1913...	Ladderman.....	414 E. Preston street....	Oilier.

No. 5 HOOK AND LADDER COMPANY.—Located corner Harford Avenue and Oliver Street.
Organized April 6, 1887.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
John R. Miller.....	43	March 1, 1895...	Captain.....	3713 Roland avenue.....	Carpenter.
George Hanauer.....	40	Dec. 15, 1897...	Lieutenant.....	1923 E. Biddle street.....	Tinner.
Joseph P. McGinn....	36	March 15, 1906...	Tillerman.....	1563 Carswell street.....	Clerk.
John F. Heins.....	41	Jan. 19, 1905...	Asst. Tillerman...	1647 Abbotston street.....	Hardwood finisher.
William Quinn.....	63	April 1, 1887...	Hostler.....	1034 N. Eden street.....	Driver.
Bertram W. Stansbury.	34	Nov. 16, 1907...	Asst. Hostler...	1710 Harford avenue.....	Laborer.
John Sullivan.....	50	Dec. 8, 1890...	Ladderman.....	1415 Harford avenue.....	Painter.
Robert E. L. Johns....	50	Feb. 7, 1898...	Ladderman.....	1752 E. North avenue.....	Carpenter.
Andrew L. Frederick..	34	April 3, 1902...	Ladderman.....	1805 Hope street.....	Clerk.
Charles E. Stuart.....	30	Aug. 1, 1909...	Ladderman.....	1565 Carswell street.....	Mattress maker.
George C. Foster.....	35	Feb. 1, 1913...	Ladderman.....	3024 F. Baltimore street...	Clerk.
Vacancy.....			Ladderman.....		

No. 6 HOOK AND LADDER COMPANY.—Located corner Hanover and Ostend Streets.
Organized April 6, 1888.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Paul Linde.....	47	Feb. 24, 1891...	Captain.....	502 N. Gilmor street.....	Canmaker.
Michael J. Farley.....	51	April 26, 1889...	Lieutenant.....	23-8 E. Preston street.....	Car driver.
Louis E. Erdman.....	30	Nov. 1, 1906...	Tillerman.....	1134 Harford avenue.....	Soldier.
Gerlach Debus.....	31	Oct. 25, 1908...	Asst. Tillerman...	20 E. Heath street.....	Cigar-box maker.
William Leonard.....	60	Feb. 23, 1894...	Hostler.....	1118 Ridgely street.....	Carpenter.
William C. Becker.....	40	Nov. 16, 1908...	Asst. Hostler...	1023 Patapasco street.....	Carpet layer.
Frank Katzenberger...	32	Aug. 8, 1910...	Ladderman.....	1044 William street.....	Ship carpenter.
Charles Hughes.....	28	Sept. 11, 1910...	Ladderman.....	1139 Sharp street.....	Laborer.
Harry A. Dolle.....	25	Dec. 11, 1911...	Ladderman.....	769 Ramsay street.....	Rigger.
Albert McGonigle.....	27	Aug. 16, 1912...	Ladderman.....	436 E. Clement street.....	Laborer.
Edward J. Hall.....	33	Feb. 1, 1913...	Ladderman.....	1120 N. Montford avenue...	Gardener.
David D. Erdman.....	23	Feb. 1, 1913...	Ladderman.....	1137 Harford avenue.....	Meter repairer.
John Vacek.....	24	Dec. 22, 1913...	Probationer.....	1907 E. Chase street.....	Chauffeur.

No. 7 HOOK AND LADDER COMPANY.—Located on Greenmount Avenue, near Gorsuch Avenue.
Organized February 3, 1901.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Joseph J. Presley.....	47	Feb. 15, 1893...	Lieutenant.....	2502 Druid Hill avenue....	Car driver
Howard R. Waite.....	38	June 7, 1901...	Hostler	624 Malcolm lane	Painter.
John L. Thomas.....	45	June 1, 1892...	Ladderman.....	442 Whitridge avenue....	Blacksmith.
Richard S. Watkins....	34	Mar. 24, 1907...	Ladderman.....	2932 Independent street...	Propertyman.
Frank P. McGarvey....	36	Jan. 20, 1908...	Ladderman.....	604 Bartlett avenue.....	Clerk.
James T. Wheatley....	31	Feb. 7, 1911...	Ladderman.....	1641 Harford avenue.....	Conductor.
Roger W. Hayman....	27	Nov. 12, 1910...	Ladderman.....	2331 Greenmount avenue..	Blacksmith.
Donald H. Cunningham	26	Feb. 7, 1911...	Ladderman.....	1573 Carswell street.....	Driver.

No. 8 HOOK AND LADDER COMPANY.—Located on Frederick Road, Carroll.
Organized July 6, 1907.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Amos G. Bramble.....	46	March 1, 1895...	Lieutenant.....	33 W. North avenue....	Driver.
John A. Epp.....	51	Feb. 15, 1893...	Hostler	2503 Frederick road.....	Cabinetmaker.
Walter F. Musgrove..	42	April 8, 1897...	Ladderman.....	3 Cascara street.....	Ironmolder.
Robert B. McCall....	30	Nov. 1, 1906...	Ladderman.....	203 Loudon avenue.....	Motorman.
Joseph H. Sewell....	27	June 1, 1910...	Ladderman.....	1618 W. Baltimore street..	Bolt header.
Charles A. Kennedy....	30	June 21, 1910...	Ladderman.....	3437 Old Frederick road..	Motorman.
Frank M. Schmidt....	28	July 19, 1912...	Ladderman.....	105 N. Carrollton avenue.	Chaufeur.
James P. Healy.....	27	Oct. 25, 1912...	Ladderman.....	1928 W. Pratt street.....	Boilermaker.

No. 9 HOOK AND LADDER COMPANY.—Located corner Roland and Union Avenues.
Organized May 4, 1898.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
George W. Haskell....	68	April 22, 1876...	Lieutenant.....	1320 N. Bond street.....	Carpenter.
George W. Ewig.....	29	April 16, 1910....	Hostler	728 W. Thirty-sixth street.	Wood finisher.
F. C. H. Berger.....	58	April 3, 1886....	Ladderman.....	2133 N. Fulton avenue....	Silversmith.
William H. Cuddy....	56	June 29, 1888....	Ladderman.....	1632 N. Aisquith street....	Driver.
Henry Weber.....	28	June 23, 1911....	Ladderman.....	1423 Holbrook street.....	Tanner.
Frank W. Kuhn.....	24	Oct. 11, 1912....	Ladderman.....	2126 Mura street.....	Clerk.
George R. Schleigh....	30	Sept. 16, 1913....	Ladderman.....	1602 Aisquith street.....	Conductor.
Charles K. Childress..	27	Mar. 20, 1908....	Ladderman.....	2040 Woodberry avenue...	Marinet.

No. 10 HOOK AND LADDER COMPANY.—Located on Lafayette Avenue, near Stricker Street.
Organized March 17, 1895.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
George F. Kennard....	46	Sept. 5, 1891....	Captain.....	1810 Rosedale street.....	Clerk.
Henry C. Kabernagel.	53	April 13, 1896....	Lieutenant.....	912 N. Mount street.....	Rigger.
Frederick Grauling....	49	Dec. 26, 1893....	Tillerman.....	2031 E. Fleet street.....	Oil refiner.
Joseph E. McGuirk....	36	Nov. 1, 1906....	Asst. Tillerman...	1417 Poplar Grove street..	Clerk.
Gustavus C. Raabe....	55	Sept. 6, 1899....	Hostler	1229 N. Gilmor street.....	Driver.
Thomas Montgomery..	72	April 1, 1870....	Hostler.....	121 N. Paca street.....	Driver.
Harry H. Gay.....	30	Sept. 1, 1907....	Asst. Hostler....	53 Garrison lane.....	Ironmolder.
William S. Fort.....	45	Feb. 7, 1898....	Ladderman.....	501 N. Monroe street.....	Painter.
George W. Weber.....	28	July 1, 1907....	Ladderman.....	1121 N. Monroe street....	Blacksmith.
Eugene H. Mailh....	43	May 3, 1905....	Ladderman.....	928 N. Fulton avenue....	Steamfitter.
John H. Morgenweck..	34	April 16, 1908....	Ladderman.....	1715 N. Carey street.....	Railroad fireman.
Frederick W. Hoffman.	32	Feb. 1, 1913....	Ladderman.....	1936 Hollins street.....	Express messenger.
George H. Austin.....	30	Mar. 12, 1913....	Ladderman.....	311 E. Lanvale street....	Metemaker.

No. 11 HOOK AND LADDER COMPANY.—Located corner North Avenue and McMechen Street.
Organized October 8, 1898.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Thomas J. Strahler....	54	Dec. 10, 1881...	Captain.....	1320 Ensor street.....	Tinner.
Robert T. Creamer....	46	March 9, 1897...	Lieutenant.....	597 N. Gay street.....	Carpenter.
George E. Fornwalt....	44	Jan. 17, 1897...	Tillerman.....	1716 John street.....	Fireman.
Charles C. Whitney....	29	Sept. 26, 1907...	Asst. Tillerman...	2022 McCulloh street....	Butcher.
Charles L. Wain.....	45	Dec. 9, 1897...	Hostler.....	2125 Madison avenue.....	Driver.
James E. Doyle.....	44	Mar. 21, 1905...	Asst. Hostler....	2723 Huntingdon avenue...	Laborer.
Henry Heinze.....	47	Aug. 1, 1898...	Ladderman.....	1937 N. Fulton avenue....	Clerk.
Lawrence Blake.....	66	April 1, 1871...	Ladderman.....	1543 Aisquith street.....	Painter.
John W. Riggan.....	32	Nov. 13, 1909...	Ladderman.....	720 N. Appleton street...	Mariner.
George W. Reinhardt.	38	Feb. 20, 1899...	Ladderman.....	2418 E. Hoffman street....	Salesman.
Joseph B. Finnerty....	24	Feb. 16, 1912...	Ladderman.....	1014 E. Biddle street.....	Elevator operator.
John H. Noelker.....	28	Mar. 30, 1913...	Ladderman.....	1740 Carswell street.....	Potter.
Arthur E. Chase.....	24	Nov. 1, 1913...	Probationet.....	1798 Harford avenue.....	Packer.

No. 12 HOOK AND LADDER COMPANY.—Located corner Garrison and Liberty Heights Avenues.
Organized September 17, 1907.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
James K. Merriken....	51	Aug. 1, 1888...	Lieutenant.....	3107 W. North avenue....	Driver.
Benjamin F. Scipp....	36	June 22, 1900...	Hostler.....	1613 W. Laurens street....	Blacksmith.
Charles M. Johannes...	47	Jan. 25, 1895...	Ladderman.....	3013 Westwood avenue....	Stonemason.
Joseph G. Burger.....	53	March 30, 1897...	Ladderman.....	1722 Warwick avenue....	Driver.
Henry Meyers.....	32	Oct. 23, 1909...	Ladderman.....	18 Allen avenue.....	Watchman.
Harry L. McCulley....	34	Dec. 27, 1912...	Ladderman.....	1443 Boyle street.....	Boilermaker.
John Lund.....	44	Nov. 13, 1905...	Ladderman.....	1804 Gough street.....	Mariner.
Irvin F. Taylor.....	30	April 22, 1913...	Ladderman.....	2431 Druid Hill avenue...	Motorman.

No. 13 HOOK AND LADDER COMPANY.—Located on Carey Street, near Lombard Street.
Organized December 6, 1907.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Charles E. Rice.....	44	April 15, 1893....	Captain.....	1946 W. Lafayette avenue...	Packer.
George U. McFadden.....	44	May 10, 1892....	Lieutenant.....	3242 Cedar avenue.....	Carpenter.
John L. Durham.....	49	May 5, 1889....	Tillerman.....	203 Millington avenue....	Plumber.
William T. Hughes.....	48	Feb. 4, 1898....	Asst. Tillerman...	1803 N. Fulton avenue....	Stonemason.
Charles Sapp.....	52	Feb. 14, 1893....	Hostler.....	1418 W. Pratt street.....	Driver.
John S. Webb.....	51	Mar. 9, 1899....	Asst. Hostler.....	1210 W. Fayette street....	Driver.
James McGee.....	57	Sept. 27, 1897....	Ladderman.....	1108 W. Lombard street....	Driver.
William J. Hunt.....	33	March 20, 1906....	Ladderman.....	1272 Battery avenue.....	Clerk.
Charles H. DeFalco....	38	March 20, 1906....	Ladderman.....	1438 Boyle street.....	Laborer.
William Hartwig.....	46	Nov. 30, 1900....	Ladderman.....	1010 S. Charles street....	Tinner.
Walter L. Christopher....	38	Aug. 1, 1909....	Ladderman.....	2418 W. Baltimore street..	Millworker.
John E. Crandell.....	30	Aug. 1, 1909....	Ladderman.....	107 S. Gilmore street....	Carpenter.

No. 14 HOOK AND LADDER COMPANY.—Located on Gorsuch Avenue, near Harford Road.
Organized September 10, 1906.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Robert H. Dougherty..	55	Jan. 12, 1889....	Lieutenant.....	1821 Guilford avenue.....	Undertaker.
Ambrose Spangler.....	48	Nov. 26, 1895....	Hostler.....	1706 Gorsuch avenue.....	Driver.
Martin Kirby.....	68	April 1, 1883....	Ladderman.....	1724 Gorsuch avenue.....	Trunkmaker.
John P. Houck.....	38	Aug. 24, 1905....	Ladderman.....	1507 Carswell street.....	Tinner.
George F. Liedlich.....	29	Jan. 1, 1907....	Ladderman.....	2016 E. Lafayette avenue...	Baker.
John J. Blessing.....	39	Jan. 1, 1907....	Ladderman.....	1809 N. Rutland avenue....	Mattress maker.
Gustave A. Wetzel.....	37	Jan. 1, 1911....	Ladderman.....	1504 E. Lafayette avenue...	Railroad brakeman.
Joseph F. Lurz.....	36	Aug. 3, 1912....	Ladderman.....	2008 E. Lanvale street....	Warehouseman.

No. 15 HOOK AND LADDER COMPANY.—Located corner Montford Avenue and Mura Street.
Organized May 12, 1908.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Emil Heise.....	54	March 1, 1890....	Captain.....	724 N. Collington avenue.	Furniture packer.
Frederick N. Duke....	47	June 16, 1899....	Lieutenant.....	12 N. Milton avenue....	Copper smelter.
Joseph M. Diggs.....	46	May 30, 1896....	Tillerman.....	2231 Gough street.....	Ironmolder.
James S. Welch.....	42	Jan. 22, 1901....	Asst. Tillerman...	1108 McCulloh street....	Clerk.
Frank Doerer.....	48	March 5, 1895....	Hostler.....	2123 E. Preston street....	Driver.
William Lohnes.....	41	Jan. 1, 1907....	Asst. Hostler....	2006 E. Madison street....	Driver.
John W. Killmond....	43	June 7, 1907....	Ladderman.....	1514 E. Oliver street.....	Watchman.
William M. Pierce....	38	June 2, 1908....	Ladderman.....	2414 Orleans street.....	Painter.
Harry Meyers.....	29	Jan. 20, 1908....	Ladderman.....	822 N. Mountford avenue.	Pipefitter.
Pemberton Warmesley..	43	March 7, 1907....	Ladderman.....	616 N. Collington avenue.	Laborer.
Adam G. Reinhardt....	28	Aug. 15, 1909....	Ladderman.....	1223 N. Bradford street...	Potter.
Victor Probst.....	25	Sept. 6, 1912....	Ladderman.....	920 N. Luzerne street....	Tailor.

No. 16 HOOK AND LADDER COMPANY.—Located corner Calvert and Read Streets.
Organized January 1, 1908.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
James P. Lyons.....	41	March 1, 1895....	Captain.....	412 N. Milton avenue....	Horseshoer.
Hugh J. Lavery.....	32	May 4, 1904....	Lieutenant.....	1042 Valley street.....	Horseshoer.
Edward B. Beach.....	35	Jan. 21, 1904....	Tillerman.....	3957 Frederick avenue....	Upholsterer.
Joseph H. Potter.....	29	June 7, 1907....	Asst. Tillerman...	893 Ramsay street.....	Boilermaker.
Henry Ruley.....	27	Dec. 21, 1909....	Hostler.....	1022 N. Bond street.....	Driver.
John Fairley.....	27	Feb. 7, 1911....	Asst. Hostler....	1810 Aliceanna street....	Driver.
Albert F. Gambrell....	28	Oct. 16, 1909....	Ladderman.....	2405 E. Fayette street....	Lineman.
Michael J. Higgins....	40	July 1, 1907....	Ladderman.....	102 E. Madison street....	Plumber.
Clarence W. Smith....	27	Jan. 1, 1911....	Ladderman.....	1308 Greenmount avenue..	Conductor.
Albert Eckstem.....	30	Aug. 12, 1911....	Ladderman.....	127 N. Streeter street....	Meat cutter.
George G. Harter.....	30	March 28, 1913....	Ladderman.....	223 S. Chester street....	Electric line worker.
Albert F. Miller.....	32	June 6, 1913....	Ladderman.....	926 N. Bradford street...	Driver.

No. 17 HOOK AND LADDER COMPANY.—Located corner Linwood Avenue and O'Donnell Street.
Organized January 1, 1908.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Frederick C. Weiss...	40	Oct. 1, 1896...	Captain.....	312 S. Wolfe street.....	Machinist.
Christian H. Fitzberger	44	March 1, 1895...	Lieutenant.....	2029 E. Baltimore street...	China packer.
John I. Bruck.....	43	Dec. 12, 1896...	Tillerman.....	1211 N. Eden street.....	Bricklayer.
George Baumann.....	27	Aug. 8, 1910...	Asst. Tillerman...	2225 E. Madison street...	Conductor.
Michael L. Waldhauser	40	Jan. 1, 1908...	Hostler.....	903 S. Streeper street....	Driver.
Charles H. Fink.....	28	Mar. 26, 1911...	Asst. Hostler.....	632 S. Curley street.....	Parquetry floor layer.
John J. Doyle.....	28	Jan. 1, 1908...	Ladderman.....	432 S. Patterson Plk. ave.	Driver.
William J. Erbeek....	40	Jan. 1, 1908...	Ladderman.....	514 S. Montford avenue...	Manager.
Harry Burk.....	33	Feb. 1, 1906...	Ladderman.....	2419 Eastern avenue.....	Carpenter.
Harry J. Lassen.....	30	Aug. 1, 1909...	Ladderman.....	1916 Eastern avenue.....	Ironmolder.
John L. Doerer.....	28	July 1, 1909...	Ladderman.....	939 S. Kenwood avenue...	Machinist's helper.
Henry Slitzer.....	40	Sept. 1, 1912...	Ladderman.....	505 S. Linwood avenue...	Piano polisher.

No. 18 HOOK AND LADDER COMPANY.—Located corner North and Ellamont Avenues.
Organized December 26, 1912.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
William T. Newell....	40	June 7, 1901...	Lieutenant.....	1302 Valley street.....	Motorman.
William Baxter.....	39	Feb. 21, 1908...	Hostler.....	1920 N. Payson street.....	Tinner.
John M. Healy*.....	34	Nov. 24, 1911...	Ladderman.....	2514 W. Baltimore street..	Laborer.
Jacob Guidice.....	38	Oct. 10, 1904...	Ladderman.....	1633 Grover Place.....	Driver.
Henry Condon.....	37	Oct. 25, 1912...	Ladderman.....	1538 Friendsbury street...	Driver.
Howard Aull.....	30	June 21, 1913...	Ladderman.....	722 S. Regester street....	Driver.
George Rausch.....	24	June 1, 1913...	Ladderman.....	503 N. Bruce street.....	Fireman.
David A. Farr.....	23	July 16, 1913...	Ladderman.....	1804 W. Franklin street...	Conductor.

*Reinstatement.

No. 1 HIGH PRESSURE SERVICE HOSE COMPANY.—Located on Gay Street, bet. Baltimore and Water Streets.
Organized April 22, 1912.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Peter J. Lynch.....	40	Jan. 25, 1904...	Lieutenant.....	1926 Bank street.....	Boxmaker.
Eugene B. Coleman...	28	Dec. 22, 1909...	Pipeman.....	2239 Fairmount avenue...	Car inspector.
John L. Kurz.....	29	Aug. 7, 1907...	Pipeman.....	530 S. Lakewood avenue..	Clerk.
Benjamin Maaser.....	37	March 20, 1908...	Pipeman.....	317 S. High street.....	Motorman.
William T. Blum.....	29	April 16, 1910...	Pipeman.....	1306 Aisquith street.....	Ornamenter.
John F. Bloberger.....	20	Feb. 21, 1908...	Pipeman.....	932 N. Central avenue....	Laborer.
Anton G. Cvach.....	26	Jan. 1, 1911...	Pipeman.....	821 N. Washington street.	Machinist.
James W. E. Guidice...	34	July 1, 1909...	Pipeman.....	1702 Abbotston street....	Barber.
Godfrey L. Fisher.....	28	Dec. 22, 1911...	Pipeman.....	2406 Asland avenue.....	Chauffeur.
Andrew J. Parr*.....	34	Jan. 30, 1912...	Pipeman.....	1402 Holbrook street.....	Driver.
Frank M. Fisher.....	27	Sept. 11, 1910...	Pipeman.....	134 N. Collington avenue.	Pipefitter.
Peter Baummer.....	27	Sept. 16, 1912...	Pipeman.....	2104 Moyer street.....	Box packer.
Leo P. Cortese.....	23	Nov. 1, 1913...	Probationer.....	1406 Orleans street.....	Marble polisher.

*Reinstated.

No. 2 HIGH PRESSURE SERVICE HOSE COMPANY.—Located on Paca Street, near Fayette Street.
Organized April 22, 1912.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Lewis R. Bell.....	38	June 30, 1903...	Lieutenant.....	1529 Marshall street.....	Machinist's helper.
Frederick W. Holdefer.	26	Aug. 12, 1911...	Pipeman.....	1510 E. Madison street...	Mariner.
Frederick C. Dietz....	25	Jan. 1, 1911...	Pipeman.....	908 Woodley street.....	Candy maker.
Frank Daugherty.....	29	Aug. 1, 1909...	Pipeman.....	1929 Wilhelms street.....	Ironworker.
Valentine Englehardt..	30	Mar. 15, 1906...	Pipeman.....	1159 Cleveland street....	Clerk.
Charles J. Schalter....	27	Jan. 1, 1908...	Pipeman.....	2619 Lehman street.....	Butcher.
Alexander Rinecker....	40	July 4, 1909...	Pipeman.....	2531 E. Monument street..	Laborer.
Martin J. Reynolds....	35	Dec. 27, 1912...	Pipeman.....	423 Colvin street.....	Car conductor.
William J. Roach.....	33	Mar. 28, 1913...	Pipeman.....	2621 Woodbrook avenue...	Motorman.
Charles F. Rohlfing....	26	June 1, 1913...	Pipeman.....	1014 Scott street.....	Driver.
Lewis A. Bossert.....	26	Feb. 7, 1911...	Pipeman.....	143 Wilkens street.....	Butcher.
Leland S. Lynch.....	27	July 16, 1913...	Pipeman.....	1723 W. Franklin street...	Laborer.

No. 1 WATER TOWER COMPANY.—Located on Lombard Street, between Howard and Eutaw Streets.
Organized June 1, 1891.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
John G. Rahe.....	36	May 4, 1904...	Lieutenant.....	715 Gorsuch avenue.....	Clerk.
John E. Towner.....	38	May 1, 1909...	Hostler.....	1127 Carroll street.....	Bridge builder.
Louis L. Waldhauser.	29	Aug. 15, 1909...	Pipeman.....	2013 Frederick avenue.....	Driver.
George A. Bishop.....	25	Aug. 15, 1912...	Pipeman.....	1825 Gough street.....	Potter.

No. 2 WATER TOWER COMPANY.—Located on Gay Street, between Baltimore and Water Streets.
Organized October 2, 1909.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation
Bankard B. Guthrie..	40	June 22, 1900...	Lieutenant.....	413 N. Chester street.....	Plasterer.
Frank H. Heines.....	37	April 2, 1902...	Lieutenant.....	1028 W. Barre street.....	Piano polisher.
Andrew Heselbach....	43	Feb. 21, 1908...	Hostler.....	603 S. Bradford street....	Driver.
George Young.....	39	Mar. 20, 1908...	Pipeman.....	634 N. Kenwood avenue..	Woodworker.
Frank C. Griffin.....	37	Oct. 23, 1909...	Pipeman.....	807 S. Rose street.....	Tanner.

HIGH PRESSURE SERVICE PUMPING STATION.—Located on South Street, near Pratt Street.
Organized August 8, 1910.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
William F. Fitzgerald.	46	Jan. 16, 1905...	Engineman	1284 Battery avenue.....	Machinist.
Zachariah H. Foote, Jr.	25	Mar. 29, 1912...	Asst. Engineman.	33 S. Ellwood avenue...	Engineer.
William Fahey.....	39	Jan. 1, 1908...	Asst. Engineman.	568 N. Washington street..	Engineer.
Pierce S. Spangler...	29	July 16, 1913...	Asst. Engineman.	1724 N. Montford avenue...	Machinist.
Henry J. Tomlinson...	34	Oct. 4, 1913...	Asst. Engineman.	524 N. Brice street.....	Machinist.
Charles J. Zinkand....	35	Oct. 11, 1913...	Asst. Engineman.	2533 Fait avenue.....	Marine engineer.
Richard W. Williams.	26	Nov. 16, 1913...	Asst. Engineman.	527 S. Luzerne street.....	Marine engineer.
Alfred Hill.....	35	Oct. 29, 1909...	Stoker	626 E. Clement street.....	Stoker.
William Tybuck.....	31	Mar. 13, 1913...	Stoker	1111 Streeper street.....	Marine engineer.
Frank J. Plichta.....	32	Mar. 11, 1913...	Acting Stoker....	1605 Alicanna street.....	Stoker.
Herbert W. Rider.....	34	Feb. 27, 1913...	Acting Stoker....	734 S. Robinson street....	Press feeder.

REPAIR SHOP.—Located corner Market Place and Baltimore Street.
Organized January 15, 1912.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Elijah J. B. Moore....	50	Mar. 1, 1895...	Blacksmith.....	1306 Valley street.....	Blacksmith.
Charles T. Gallion....	29	July 1, 1909...	Machinist.....	1111 S. Scott street.....	Machinist.
B. G. Bauernschmidt.	35	Aug. 8, 1910...	Machinist.....	29 N. Potomac street....	Machinist.
Walter L. Batty.....	28	July 1, 1909...	Machinist.....	1819 Orleans street.....	Machinist.
Samuel Truett.....	48	Nov. 23, 1903...	Painter.....	2015 W. Lexington street..	Painter.
Samuel W. Marker...	63	April 15, 1886...	Woodworker....	3022 W. North avenue....	Carpenter.
Frederick Kahl.....	42	Feb. 1, 1906...	Helper.....	2002 W. Lafayette avenue..	Blacksmith.
Henry H. Kaiss.....	23	May 16, 1908...	Helper.....	1619 N. Wolfe street.....	Machinist.
Robert A. Clarke.....	30	Aug. 8, 1910...	Helper.....	30 N. East avenue.....	Painter.

REPORT

OF THE

Superintendent of Fire-Alarm Telegraph

1913



REPORT

BALTIMORE, January 1, 1914.

To the Honorable Board of Fire Commissioners.

GENTLEMEN :

Although we have had frequent requests from the Sewerage Commission, Paving Commission and City Engineers' Department to alter the alignment of overhead, and in some cases underground equipment, this Department has maintained the high efficiency of its service during the past year.

Every box alarm has been promptly communicated and the telephone calls with which in many instances the operator has had to use some judgment and patience with excited persons giving notice of fire; these calls also have had such attention that the efficiency of the employes has had further demonstration.

The lines and equipment generally have been kept up to a high standard. The regular tests for conductivity and insulation have enabled us to anticipate line trouble, and our exemption from storms has kept us free of the disasters of preceding years.

The underground service has been extended. The lines on Frederick avenue have been placed in conduits to the city limits, with the exception of a short section at Gwynn's Falls, where a new bridge in course of construction has delayed the placing of conduits.

Preparation was made to change the Fort avenue lines from poles to conduits, but the subway work being delayed, a portion of the cable purchased for this section was used at other places.

Several other important sections have been changed and we will be enabled to take down a number of poles and transfer some to the companies who will be compelled to remain overhead until the Electrical Commission completes the connections necessary to order them into the conduits.

Construction work during the year embraced the removal of 60 poles, 216 poles were reset and 46 new poles used to replace such as were decayed and unsafe.

The 46 poles mentioned were taken from other sections and used from time to time avoiding the expense of purchasing for this work.

Eleven thousand six hundred and twelve feet of two-inch iron pipe was laid for installation of new boxes and lateral extensions to meet city and Chesapeake and Potomac trunk lines.

Nine and a half miles of wire were taken down; five and a half of which was used in connecting Box No. 1925, foot of Second avenue, Canton, and changes on Pennsylvania avenue.

Two hundred and fifty-one cross-arms were renewed, 18 manholes built, 13 hand-boxes placed and five cable boxes installed on poles to provide connections with underground service.

Circuits Nos. 37 and 38, entirely underground, were made by changes in circuits 14, 16 and 18, relieving the latter of some boxes and improving the condition of circuits in neighborhood they are located.

The Chesapeake and Potomac Telephone Company, by permission of the Board of Fire Commissioners, rebuilt the Gorsuch avenue line embracing 46 poles from Harford road west.

Connecting new boxes and extending underground service, 32,880 feet of 2-wire, 4,067 feet 4-wire, 1,050 feet 6-wire, 125 feet 10-wire, 11,750 feet 12-wire, 1,000 feet 13-wire, 500 feet 14-wire cable was laid.

For repairs, 2,030 feet 2-wire, 220 feet 4-wire, 795 feet 6-wire, 25 feet 10-wire, 550 feet 12-wire, 40 feet 13-wire cable was used.

Some changes were made in lighting fixtures at the High Pressure Pumping Station. The arc lights which were unsatisfactory, were removed and open lights with reflectors substituted. Some additional wiring was done in the boiler-room to provide a more efficient illumination.

All changes and repairs in lighting equipment in engine-houses has been done by employes of this Department with slight expense for outside help.

The following fire alarm boxes were installed during the year:

- 1427—Granby and Albemarle streets.
- 1428—High and Watson streets.
- 1826—Fleet and Potomac streets.
- 1925—Foot of Second avenue, Canton.
- 2624—Gay and Eager streets.
- 2724—Monument and Wolfe streets.
- 2725—Lakewood avenue and Madison streets.
- 466—Lombard and Stricker streets.
- 715—Brunswick street and city limits.
- 7323—Edmondson and Ashburton avenues.
- 7429—Poplar Grove and Brighton streets.
- 7528—Ashburton and Presbury streets.
- 7529—Moreland avenue and Presbury street.
- 7625—North avenue and Eighth street.
- 8123—Harford and Exeter Hall avenues.
- 8525—Falls road and Twenty-eighth street.
- 853—Callow avenue and Whitelock street.
- 8629—Mount Royal Terrace and Reservoir street.
- 88—Elgin avenue and Twelfth street.
- 8822—Dorchester road and Ayrdale avenue.
- 8823—Grantly street and Springdale avenue.
- 8824—Forest Park and Oakfield avenues.
- 8825—Carsdale and Brookline avenues.
- 8829—Duvall and Allendale avenues.
- 10-6—J. S. Young Company, Boston and Elliott streets.
- 10-9—G. Ober & Sons, Hull street.
- 10-2-5—Greenwald Packing Company, Claremont Stock Yards.
- 10-2-3-4—Wise Brothers, Wyoming street.

Three of the ten-pin registers were altered from inking recorders to punching instruments, eliminating the serious objections to the former style of making records and clearing the machinery from the disadvantages caused by the ink spreading over the gearing and interfering with proper operation. A new feature of propelling the paper by the substitution of an electric motor in place of the weights for moving the machinery has proven a valuable improvement to these instruments.

The care of batteries and lamps on motor-driven apparatus, which has been made a part of the work of this Department, has been systematized to the extent that this detail of the apparatus has been kept in perfect condition.

Avoiding detail, this report does not show the amount of work done during the year, but I am pleased to report commendable zeal and efficiency displayed on every occasion.

Very respectfully,

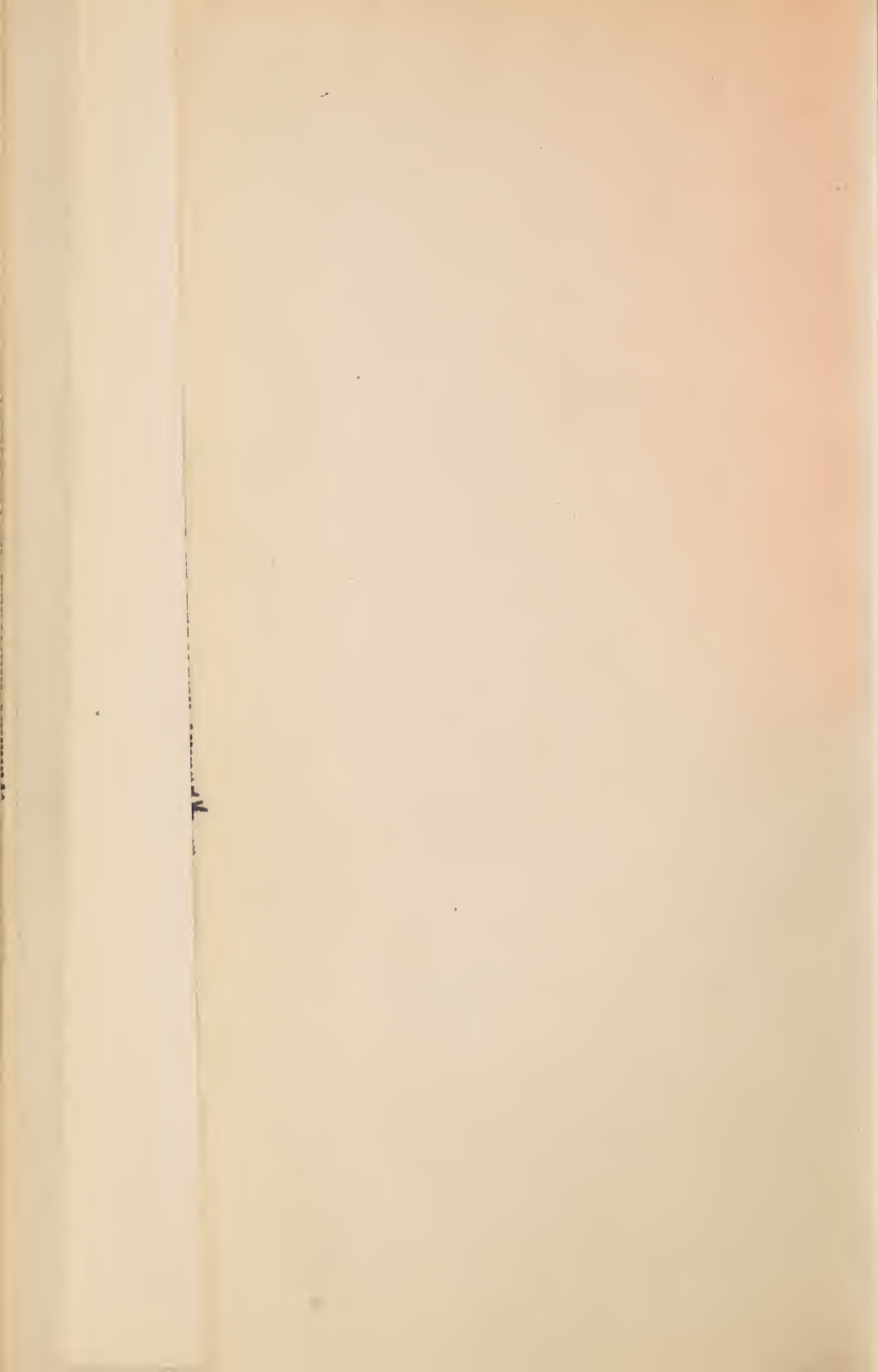
JAMES B. YEAKLE,
Superintendent of Fire Alarm Telegraph.

ROSTER OF TELEGRAPH DEPARTMENT.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
James B. Yeakle.....	71	June 1, 1902...	Superintendent...	3708 Forest Park avenue...	Gen. Manager American Dist. Tel. Co.
Charles C. Prince.....	49	Jan. 1, 1894...	Telegraph operator	2318 E. Baltimore street...	Telegraph operator.
William E. Shuter.....	43	April 1, 1896...	Telegraph operator	Guilford Apartments.....	Telegraph operator.
Harry C. Martin.....	46	June 1, 1896...	Telegraph operator	43 S. Stricker street....	Telegraph operator.
William F. Gettrust.....	39	Sept. 8, 1897...	Telegraph operator	2303 W. North avenue....	Telegraph operator.
Sidney E. Smith.....	44	March 11, 1899...	Telegraph operator	2324 Guilford avenue....	Telegraph operator.
Michael J. Dean.....	45	March 15, 1902...	Telegraph operator	731 E. Forty-first street..	Telegraph operator.
Andrew L. Black.....	40	Aug. 16, 1911...	Telephone operator	1318 E. Lafayette avenue..	Telephone installer.
John J. Eagen.....	32	Aug. 16, 1911...	Telephone operator	1217 S. Charles street....	Clerk.
Jerome V. Pippitone....	30	Aug. 16, 1911...	Telephone operator	2363 McCulloh street....	Bookkeeper.
Richard F. Curtis.....	24	Aug. 16, 1911...	Telephone operator	1219 W. Fayette street....	Bookkeeper.
James N. Smith.....	52	Feb. 28, 1897...	Lineman.....	1511 N. Bond street.....	Lineman.
Thomas W. Glass.....	49	May 15, 1893...	Assistant lineman.	1819 N. Bond street.....	Lineman.
Nicholas C. Wolfe.....	61	Aug. 4, 1898...	Assistant lineman.	1401 McCulloh street.....	Lineman.
Joseph F. Borgmeier.....	46	Jan. 1, 1908...	Assistant lineman.	1007 E. Lafayette avenue..	Lineman.
Louis B. Bryant.....	40	Sept. 1, 1911...	Assistant lineman	613 E. Thirty-eighth street.	Lineman.
Frank L. Freeze.....	35	March 5, 1903...	Batterymen.....	1526 John street.....	Telephone operator.

Harry B. Scheve.

Harry B. Sche



FIRE DEPARTMENT.
ENGINE COMPANIES—LOCATION AND EQUIPMENT.

Company.	Location.	Engine.			Regular Wagon.										Reserve Wagons.										Reserve Hose (ft.)	
		Members.	Size (gals.)	Horses.	Type.	Horses.	Hose Carried (ft.)					Ladders Carried.	Chemical Extinguishers and Tanks.	Type.	Location of Fuel Wagon.	Hose Carried (ft.)		Ladders Carried.	Chemical Extinguishers and Tanks.	2½ Inch.	3 Inch.					
							¾ Inch.	1½ Inch.	2½ Inch.	3 Inch.	3½ Inch.					¾ Inch.	2½ Inch.									
1	Paca st., nr. Mulberry.....	12	950	3	Comb.	2	250	.....	1,100	.....	.....	1—22 ft.	2—35 gal.	Comb.	.....	175	1,000	1—22 ft.	2—35 gal.	950	.....				
2	Barre st. nr. Sharp.....	13	950	3	Comb.	2	250	.....	1,000	.....	.....	1—20 ft.	2—35 gal.	Comb.	.....	250	1,000	1—20 ft.	2—35 gal.	450	.....				
3	Lombard st., nr. High.....	13	850	3	Comb.	2	250	.....	1,000	.....	.....	1—22 ft.	2—35 gal.	Comb.	.....	200	900	1—30 ft.	2—35 gal.	900	.....				
4	Lexington st., nr. North.....	13	950	†	Comb.	*	250	.....	1,500	.....	.....	1—20 ft.	{ 2—35 gal. }	.....	.....	.....	.....	.....	.....	1,150	.....				
5	Ann st., nr. Gough.....	12	850	†	Comb.	*	250	.....	1,400	.....	.....	1—18 ft.	{ 1—3 gal. }	.....	.....	.....	.....	.....	.....	1,050	.....				
6	Gay and Ensor sts.....	13	850	3	Comb.	2	250	.....	1,000	.....	.....	1—18 ft.	2—35 gal.	Comb.	.....	200	1,000	.....	2—35 gal.	450	.....				
7	Eutaw st. and Druid Hill ave.....	12	850	3	Comb.	2	250	.....	1,200	.....	.....	1—18 ft.	2—30 gal.	Comb.	.....	250	1,000	1—16 ft.	2—35 gal.	800	.....				
8	Lafayette ave., nr. Stricker.....	12	850	†	Comb.	*	250	.....	1,000	.....	.....	1—22 ft.	{ 2—35 gal. }	.....	.....	.....	.....	.....	.....	750	.....				
9	Madison st., nr. Broadway.....	13	850	†	Comb.	*	250	.....	1,500	.....	.....	1—22 ft.	{ 2—35 gal. }	Comb.	.....	.....	500	.....	1—5 gal.	850	.....				
10	Columbia ave., nr. Poppleton.....	12	850	3	Comb.	2	250	.....	1,100	.....	.....	1—18 ft.	2—35 gal.	4-wh. reel	.....	.....	500	.....	.....	500	.....				
11	Easteru and Patterson Park aves.....	13	700	†	Comb.	*	250	.....	1,250	.....	.....	1—22 ft.	2—35 gal.	.....	§	.....	.....	.....	.....	600	.....				
12	Fort and Riverside aves.....	13	850	†	Comb.	*	250	.....	1,100	.....	.....	1—18 ft.	2—35 gal.	.....	.....	.....	.....	.....	.....	600	.....				
13	Fremont and Myrtle aves.....	13	850	†	Comb.	*	250	.....	1,200	.....	.....	1—22 ft.	{ 2—35 gal. }	Comb.	.....	250	800	1—18 ft.	2—35 gal.	650	.....				
14	Hollins st., nr. Monroe.....	12	700	3	Comb.	2	250	.....	1,000	.....	.....	1—20 ft.	2—30 gal.	Comb.	.....	250	1,000	1—20 ft.	2—35 gal.	300	.....				
15-1†	Lombard st., nr Howard.....	12	.....	.....	Comb.	*	250	.....	1,000	500	.....	.....	1—35 gal.	.....	.....	.....	.....	.....	.....	1,750	500
15-2	Lombard st., nr Howard.....	13	850	3	Comb.	2	250	.....	1,200	.....	.....	1—18 ft.	2—35 gal.	.....	.....	.....	.....	.....	.....	.....	.....
16	Foot of President st.....	19	6,700	.....	Fireboat	.....	.....	100	1,000	1,000	.....	{ 1—18 ft. }	1—5 gal.	.....	.....	.....	.....	.....	.....	.....	.....
17	Fort ave. and Haubert st.....	12	850	3	Comb.	2	250	.....	1,100	.....	.....	1—18 ft.	2—35 gal.	4-wh. reel	.....	.....	900	.....	1—5 gal.	1,000	.....				
18	Twenty-first st., nr. Maryland ave.....	12	850	†	Comb.	*	250	.....	1,400	.....	.....	1—18 ft.	{ 2—35 gal. }	Comb.	.....	200	800	1—18 ft.	2—35 gal.	150	.....				
19	North ave. and Bond st.....	13	775	†	Comb.	*	250	.....	1,500	.....	.....	1—20 ft.	{ 2—35 gal. }	Comb.	.....	250	1,000	1—20 ft.	2—35 gal.	500	.....				
20	North ave. and Tenth st.....	12	600	†	Comb.	*	250	.....	1,000	.....	.....	1—20 ft.	{ 2—35 gal. }	Comb.	.....	250	1,000	1—20 ft.	2—35 gal.	1,100	.....				
21	Roland ave. and Oliver Pl.....	12	575	3	Comb.	2	250	.....	1,200	.....	.....	1—24 ft.	2—35 gal.	4-wh. reel	.....	.....	800	.....	.....	350	.....				
22	Linwood ave. and O'Donnell st...	12	525	3	Comb.	2	250	.....	1,100	.....	.....	1—18 ft.	2—35 gal.	4-wh. reel	.....	.....	800	.....	.....	500	.....				
23†	Saratoga st., nr. Howard.....	16	.....	.....	Comb.	*	250	.....	1,000	500	.....	1—18 ft.	1—30 gal.	.....	.....	.....	.....	.....	.....	900	500
24	Patterson Park ave., nr. Fayette..	12	700	†	Comb.	*	250	.....	1,000	.....	.....	1—18 ft.	2—35 gal.	.....	.....	.....	.....	.....	.....	950	.....				
25	McCulloh and Gold sts.....	12	650	†	Comb.	*	250	.....	1,100	.....	.....	1—18 ft.	{ 2—35 gal. }	Comb.	§	250	500	1—18 ft.	2—35 gal.	1,000	.....				
26	Leadenhall and West sts.....	13	850	3	Comb.	2	250	.....	1,100	.....	.....	1—18 ft.	2—35 gal.	4-wh. reel	.....	.....	500	.....	.....	950	.....				
27	Columbia ave. and Greene st.....	13	850	3	Comb.	2	250	.....	1,200	.....	.....	1—18 ft.	2—35 gal.	Comb.	.....	150	1,000	1—18 ft.	2—35 gal.	600	.....				
28	Mt. Royal and Guilford aves.....	12	850	†	Comb.	*	250	.....	1,300	.....	.....	1—18 ft.	{ 2—35 gal. }	Comb.	.....	250	1,000	.....	2—35 gal.	700	.....				
29	Park Heights ave., nr. Kate.....	12	550	3	Comb.	3	250	.....	1,200	.....	.....	1—18 ft.	2—35 gal.	4-wh. reel	.....	.....	550	.....	2—5 gal.	1,200	.....				
30	Frederick rd., nr. Caton ave.....	12	600	3	Comb.	3	250	.....	1,000	.....	.....	1—20 ft.	2—35 gal.	4-wh. reel	.....	.....	1,000	.....	.....	150	.....				
31	York rd., nr. Gorsuch ave.....	12	550	3	Comb.	3	250	.....	1,000	.....	.....	1—22 ft.	2—35 gal.	.....	.....	.....	.....	.....	.....	1,700	.....				
32	Gay st., nr. Baltimore.....	12	700	†	Comb.	*	250	.....	1,250	.....	.....	1—18 ft.	2—35 gal.	Comb.	§	200	800	1—18 ft.	2—35 gal.	450	.....				
33	Harford ave. and Oliver st.....	12	850	†	Comb.	*	250	.....	1,000	.....	.....	1—18 ft.	{ 2—35 gal. }	.....	.....	.....	.....	.....	.....	2,050	.....				
34	Caroline st., nr. Gough.....	12	850	3	Comb.	2	250	.....	1,000	.....	.....	1—18 ft.	2—35 gal.	Comb.	.....	250	1,000	1—22 ft.	2—35 gal.	750	.....				
36	Edmondson ave. and Bentalou st.	12	550	†	Comb.	*	250	.....	1,000	.....	.....	1—20 ft.	2—35 gal.	Plain	.....	.....	600	.....	.....	850	.....				
37	Ridgely and West sts.....	12	850	3	Comb.	2	250	.....	1,000	.....	.....	1—22 ft.	2—30 gal.	.....	§	.....	.....	.....	.....	1,600	.....				
38	Baltimore st., nr. Fremont.....	12	950	3	Comb.	2	250	.....	1,100	.....	.....	1—18 ft.	2—30 gal.	.....	.....	.....	.....	.....	.....	1,450	.....				
39	Foot of President st.....	20	9,000	.....	Fireboat	.....	.....	100	1,000	1,000	50	{ 1—10 ft. }	1—5 gal.	.....	.....	.....	.....	.....	.....	.....	500
40	Garrison ave. and Liberty rd.....	10	750	**	.....	.....	250	.....	1,300	.....	.....	{ 1—21 ft. }	1—35 gal.	.....	.....	.....	.....	.....	.....	700	.....				
Reserve	.....	.....	.....	.....	Comb.	*	250	.....	.....	1,200	.....	1—18 ft.	{ 2—35 gal. }	.....	.....	.....	.....	.....	.....	.....	.....

* Automobile.

** Auto pump, engine carrying hose.

† Tractor.

‡ High pressure company.

§ Fuel wagon.



FIRE ENGINES.

Engines.	Built By.	When Built.	Re-built.	Size.	Cylinders.		Pumps.		Boilers.		Gallons Per Minute.	Horses.
					Diameter, Inches.	Stroke, Inches.	Diameter, Inches.	Stroke, Inches.	Diameter, Inches.	Height, Inches.		
1	Ahrens-Continental.....	1909	.....	First	9	8	5½	8	38	68	950	H
2	Ahrens-Continental.....	1909	.....	First	9	8	5½	8	38	68	950	H
3	La France.....	1906	.....	First	8½	9	5½	9	38	68	850	H
4	Ahrens-Continental.....	1908	.....	First	9	8	5½	8	38	68	950	T
5	La France.....	1910	.....	Second	8½	9	5½	9	34	62	850	T
6	La France.....	1901	.....	First	8½	9	5½	9	36	68	850	H
7	La France.....	1903	.....	First	8½	9	5½	9	36	68	850	H
8	La France.....	1899	.....	First	8½	9	5½	9	36	68	850	T
9	La France.....	1903	.....	First	8½	9	5½	9	36	68	850	T
10	La France.....	1907	.....	First	8½	9	5½	9	36	68	850	H
11	La France.....	1889	1911	Second	8½	8	4½	8	34	62	700	T
12	La France.....	1905	.....	First	8½	9	5½	9	36	68	850	T
13	La France.....	1903	1915	First	8½	9	5½	9	36	68	850	T
14	La France.....	1888	1904	Third	8½	6	4½	6	32	60	700	H
15-2	La France.....	1904	.....	First	8½	9	5½	9	36	68	850	H
17	La France.....	1889	1904	First	8½	8	5½	8	36	60	850	H
18	La France.....	1907	.....	First	8½	9	5½	9	36	68	850	T
19	Amoskeag.....	1907	.....	First	8½	8	5	8	36	66	775	T
20	La France.....	1894	.....	Third	7½	9	4½	9	33	62	600	T
21	La France.....	1886	.....	Third	7½	8	4½	8	30	64	575	H
22	La France.....	1891	.....	Third	7½	8	4½	8	30	60	525	H
24	La France.....	1886	{ 1898 } { 1905 }	Second	8	9	4½	9	34	64	700	T
25	La France.....	1898	.....	Second	8	9	4½	9	33	62	650	T
26	La France.....	1905	.....	First	8½	9	5½	9	36	68	850	H
27	La France.....	1908	.....	First	8½	9	5½	9	36	68	850	H
28	La France.....	1906	.....	First	8½	9	5½	9	36	68	850	T
29	La France.....	1897	.....	Second	7½	8	4½	8	33	62	550	H
30	Clapp & Jones.....	1888	1904	Third	7	7	4½	7	32	60	600	H
31	La France.....	1893	.....	Third	7½	8	4½	8	30	60	550	H
32	La France.....	1890	1910	Second	8½	8	4½	8	34	62	700	T
33	La France.....	1905	.....	First	8½	9	5½	9	36	68	850	T
34	La France.....	1909	.....	First	8½	9	5½	9	38	68	850	H
36	La France.....	1895	.....	Third	7½	8	4½	8	30	60	550	T
37	La France.....	1909	1915	First	8½	9	5½	9	38	68	850	H
38	Ahrens-Continental.....	1909	.....	First	9	8	5½	9	38	68	950	H
40	Ahrens-Fox (gasoline).....	1914	.....	.....	.....	.....	6½	4	.....	.....	750	*
Reserve.												
A	La France.....	1893	.....	First	8½	9	5½	9	36	66	850	T
B	La France.....	1893	.....	Second	8½	8	4½	8	33	62	700	H
C	Clapp & Jones.....	1886	1897	Second	7½	7	4½	7	32	62	700	H
D	La France.....	1895	.....	Second	7½	9	4½	9	33	62	850	H
E	Ives.....	1874	1904	Second	8½	10	5	10	38	64	775	H
F	Shlsby.....	1887	.....	Third	Rotary		.....	.....	34	60	600	H
G	Clapp & Jones.....	1885	.....	Third	6½	7	3½	7	32	60	425	H
H	La France.....	1892	1904	Second	8½	9	5	9	36	62	700	H
I	La France.....	1901	.....	First	8½	9	5½	9	36	68	850	H

T—Tractor.

H—Horse-drawn.

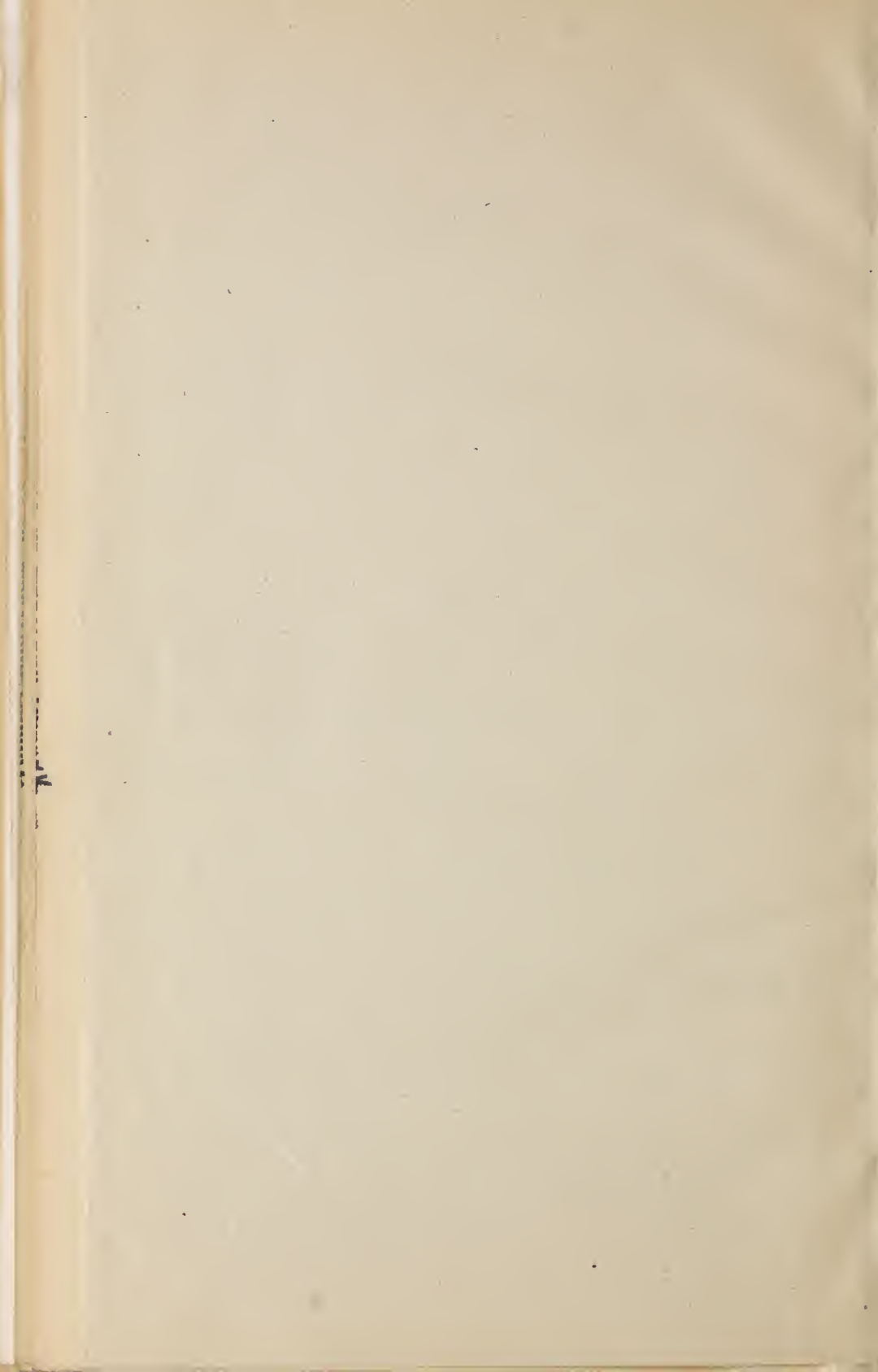
* Automobile.

FIRE DEPARTMENT-
TRUCK COMPANIES LOCATION AND EQUIPMENT

Company.	Location.	Members.	Ladder Truck.		Ladders Carried.		Chemical Extinguishers and Tanks.	Hose Carried (ft.)			Reserve Hose, 2½ Inch (ft.)	Fuel Wagons.
			Type.	Horses.	Put in Service.	Number.		Total Length (ft.)	¾ Inch.	1 Inch.			2½ Inch.
1	Gay st., nr. Baltimore.....	12	Hayes 85-ft. aerial, Dahill hoist (‡)....	†	Tractor, 1913	12	309	2— 5 gal.	.....	.....	50 .....	.....
2	Paca st., nr. Fayette.....	13	Hayes 85-ft. aerial, Dahill hoist (‡)....	†	Tractor, 1915	11	297	2— 5 gal.	100 .....	.....	50	*
3	Ann st., nr. Gough.....	12	Hayes 75-ft. aerial, Dahill hoist	3	Rebuilt, 1908	13	325	2— 5 gal.	.....	.....	.....	.....
4	McCulloh st., nr. Preston.....	12	Hayes 85-ft. aerial, Dahill hoist (‡)....	†	Tractor, 1914	11	293	2— 5 gal.	.....	.....	50 .....	.....
5	Harford ave. and Oliver st...	12	Hayes 85-ft. aerial, Dahill hoist (‡)....	†	Tractor, 1914	12	313	2— 5 gal.	.....	.....	50	*
6	Hanover and Ostend sts.....	13	Hayes 85-ft. aerial, Dahill hoist	3	1907	12	315	2— 5 gal.	50 .....	.....	100	*
7	York rd., Waverly.....	8	Hayes 80-ft. aerial, Dahill hoist	†	Rebuilt, 1916	9	238	1—35 gal.	250 .....	.....	800	600
8	Frederick rd., Carroll.....	8	Holloway combination.	3	Rebuilt, 1908	10	181	{ 2—35 gal. 2— 5 gal. }	250 .....	.....	800	600
9	Roland ave. and Oliver Pl....	8	Holloway combination.	3	1898	8	157	2—35 gal.	.....	250	800 .....	.....
10	Lafayette ave., nr. Stricker..	13	Hayes 75-ft. aerial, Dahill hoist	†	Tractor, 1916	14	322	2— 5 gal.	.....	.....	.....	.....
11	North ave. and McMechen st.	12	Hayes 85-ft. aerial, Dahill hoist (‡)....	†	Tractor, 1914	10	289	2— 5 gal.	.....	.....	50 .....	.....
12	Garrison ave. and Liberty rd.	8	Holloway combination.	3	1904	10	183	{ 2—35 gal. 2— 5 gal. }	250 .....	.....	750	650
13	Carey st., nr. Lombard.....	12	Hayes 85-ft. aerial, Dahill hoist (‡)....	†	Tractor, 1916	12	311	2— 5 gal.	.....	.....	50	*
14	Gorsuch ave., Homestead....	8	Holloway combination.	3	1906	9	173	{ 2—30 gal. 2— 5 gal. }	250 .....	.....	800	600
15	Montford ave. and Mura st...	12	Hayes 75-ft. aerial, Dahill hoist	3	1908	13	331	2— 5 gal.	.....	.....	.....	.....
16	Calvert and Read sts.....	12	Leonhardt 85-ft. aerial, Dahill hoist (‡)....	†	Tractor, 1914	11	295	2— 5 gal.	.....	.....	50	*
17	Linwood av. and O'Donnell st.	12	Hayes 75-ft. aerial, manually raised	3	Rebuilt, 1915	12	290	2— 5 gal.	.....	.....	.....	.....
18	North ave. and Tenth st.....	8	Fire Department combination	3	1913	9	174	2—35 gal.	250 .....	.....	750	650
19	Fort ave. and Haubert st....	§§	Holloway combination.	3	1909	9	172	{ 2—35 gal. 2— 5 gal. }	250 .....	.....	1,000	50
Reserve.												
A	.....	.....	Hayes 85-ft. aerial, Dahill hoist	†	Tractor, 1915	13	353	1— 5 gal.	.....	.....	.....	.....
C	.....	.....	Hayes 75-ft. aerial, manually raised .....	.....	.....	11	289	2— 5 gal.	.....	.....	.....	.....
D	.....	.....	Hayes 75-ft. aerial, manually raised .....	.....	.....	9	229	.....	.....	.....	.....	.....
E	.....	.....	Holloway combination.	3	Rebuilt, 1908	10	183	{ 2—35 gal. 2— 5 gal. }	.....	.....	.....	.....

* Fuel wagon.
† Tractor.

‡ Ladder pipe.
§ Detail from other companies.



FIRE DEPARTMENT.

HIGH-PRESSURE HOSE COMPANIES—LOCATION AND EQUIPMENT.

Company.	Location.	Members.	Wagon.			Hose Carried, 3 Inch (ft.)	Reserve Hose, 3 Inch (ft.)	Chemical Extinguishers and Tanks.	Turret Pipes.
			Type.	Horses.	Put in Service.				
1	Gay st., nr. Baltimore.	12	Plain	*	1912	2,000	2,000	1—6 gal.	3
2	Paca st., nr. Fayette...	12	Plain	*	1912	2,000	2,000	1—6 gal.	3

* Automobiles.

WATER TOWERS—LOCATION AND EQUIPMENT.

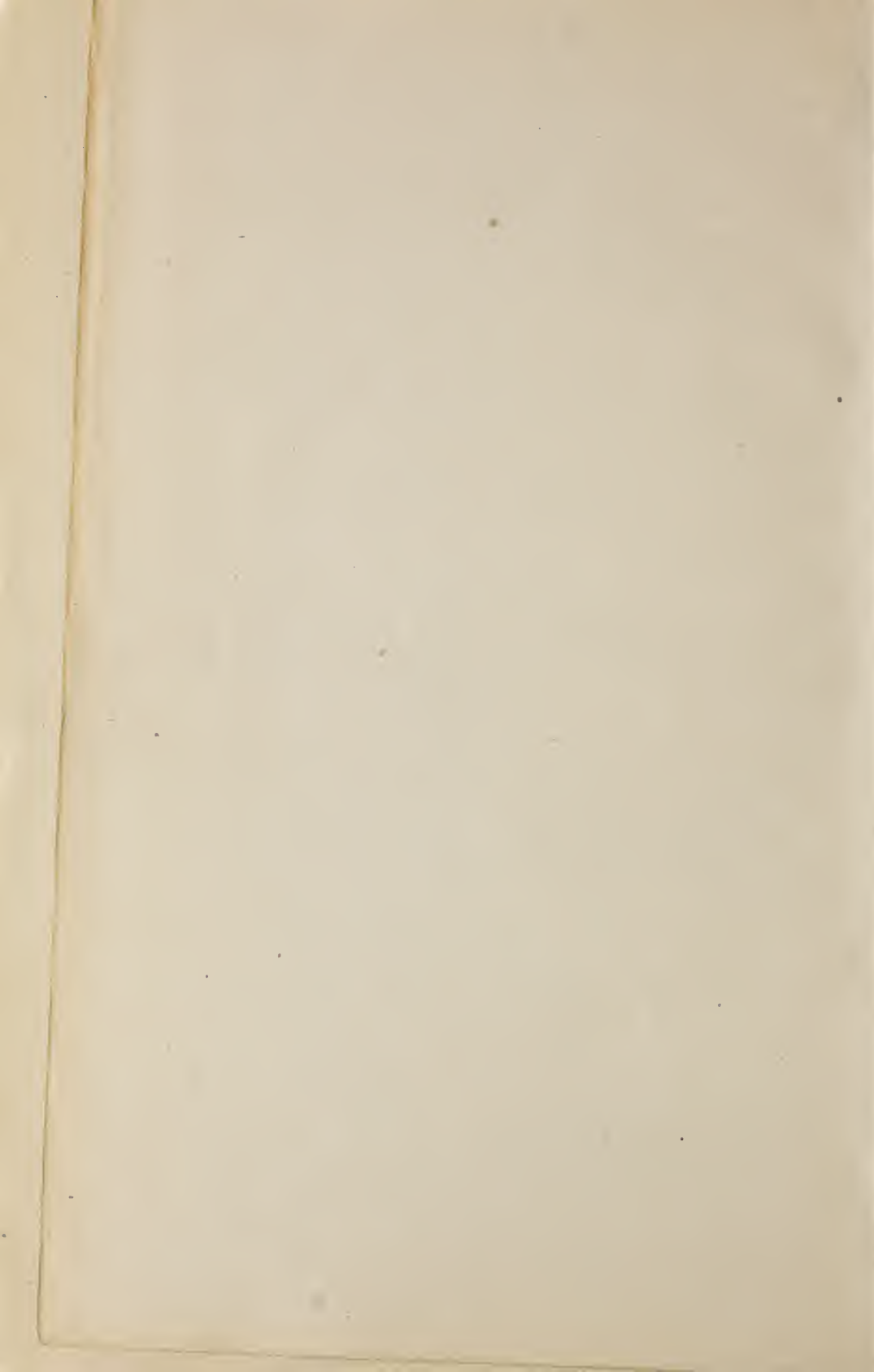
Company.	Location.	Members.	Type.	Horses.	Height, Extended (ft.)	Put in Service.	Turret Nozzles.	Number of Inlets.	
								2½ Inch.	3 Inch.
1	Lombard st., near Howard	4	Hale, hydraulically raised.....	3	65	1899	2	.....	6
2	Gay st., near Balti- more	5	Hale, hydraulically raised.....	3	58	1890	2	4	2

FIRE DEPARTMENT.

FIRE BOATS.

Pier No. 7, Foot of President Street.

Number and Name.	Put in Service.	Hull.	Dimen- sions.			Boilers. (Type, Size and Age.)	Propelling Engines.	Speed (Miles per Hr.)	Pumps.					Tonnage.	
			Length (ft.)	Beam (ft.)	Draft (ft.)				Number, Type and Make.	Team Cylinder.	Pump Plungers.	Stroke.	Rated Capacity of Each (Gals. per Minute).	Gross.	Net.
Engine No. 16, Cataract	1914	Steel	100	25	8½	{ 2—Marine water-tube, 84 in. diam., 8 ft. 3 in. long, 1891..... 2—Marine, water-tube, 84 in. diam., 8 ft. 7 in. long, 1914..... }	Double, 18 in. by 18 in., condens- ing	12	{ 2—Duplex, double- acting Manning, 1891	16	9	10	{ 2,200 2,200 1,150 1,150 }	185	125
Engine No. 39, Deluge	1911	Steel	120	28	10	2—Scotch marine, 12½ ft. diam., 11½ ft. long, 1911.	Double, 20 in. by 20 in., non-con- densing	15	2—Multi stage centri- fugal, turbine-driven, G. E. Co.....	10	6	8	{ 4,500 4,500 }	313	185



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